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REVISION HISTORY						
SHEET	REV	DATE	DESCRIPTION	AUTHOR	APPROVED	CHECKED BY
ALL	PR1	8/5/16	PRODUCTION RELEASE	JT	JT	LS
ALL	A	10/24/17	-14 CORRECTED SOLENOID PART NUMBER WAS 9719K160; ADDED -15 SUPPORT ROD ASSEM SHEET; ADDED -60 ROD SHEET; ADDED -60 ROD TO -1 ASSEM; ADDED -61 SUPPORT TAB SHEET; ADDED -61 SUPPORT TAB TO -9 ASSEM; UPDATED COPYRIGHT; -20 CENTERED THE BOTTOM RADIUS AT THE SLOT CENTER AND INCREASED THE RADIUS FROM 1.00", ADDED AND CLARIFIED DIMENSIONS; -21 & -22 CLEANED UP DIMENSIONS AND ADDED DEPTHS TO SECT. AE-AE, AJ-AJ AND AH-AH; -23 CLEANED UP DIMENSIONS; -24 CHANGED WIDTH FROM 1.000 TO 1.070, ADDED 0.125 R, REMOVED 0.750 WIDTH AND MADE 0.125 WALL THICKNESS TWO PLACES; -25 CHANGED 6.000 WIDTH TO 6.070, 0.500 TO 0.535 AND 5.500 TO 5.000 BETWEEN HOLES; -26 CHANGED WIDTH FROM 1.000 TO 1.070, CHANGED 0.130R TO 0.125R, REMOVED 0.750 WIDTH AND MADE 0.125 WALL THICKNESS TWO PLACES; -27 CLEANED UP DIMENSIONS, CHAGNED SECTION FOR EMG VALVE TO Y-SHAPED; -38 THICKNESS WAS 0.125; -39 CLEANED UP DIMENSIONS; -40 CLEANED UP DIMENSIONS, CUTOUT LARGER; -41, -42, -43, -44, -45, -46 HOLE WAS 0.375; -21 CHANGED MATERIAL WAS 6061-T6; ADDED NOTE 4; CREATED ES NUMBERS FOR NON-STANDARD PARTS; REMOVED -14 LINEAR SOLENOID ASSEM AND REPLACED WITH ES50550-1; MODIFIED -40 SWITCH BRACKET FOR CLEARANCE. ADDED BEND CHART TO -30, -40 & -66; ON THE -6 REMOVED -51 AND HARDWARE; REMOVED -52; ADDED -72 BUSHING; ON THE -67, THE THREE TOP TABS CHANGED TO BE BENT ON THE SAME FOLD LINE AT THE SAME ANGLE; UPDATED WITH FLOW CONTROL VALVES; ADDED BEND CHART TO -40 BRACKET. REMOVED NOTE 6 FROM SHEET 2 & 6, ADDED MS21919WDG10 TO -1 ASSEMBLY; -13 REPLACED MS35206-233 WITH MS35206-234.-34 ADDED DIMENSIONS FOR 0.196 DIA HOLE; -67 ADDED DIM FOR .196 DIA HOLE; -21 ADDED TRIANGLE FOR NOTE 1; -27 ADDED CHAMFER TO 2.00" DIA EDGE; -23 ADDED HOLES.	JT	JT	LS
52	B	02/26/18	SHT. 2 ADDED NOTE 6, ON -16, ES53600-3 WAS RT-1000-58; ON -23 ADDED NOTE 6 AND REMOVED 0.520 DIA HOLE; ON -29 COUNTERBORE WAS 2.770 AND ID WAS 2.5620/2.5615; -57 CHANGED LENGTH AND ADDED A HOLE; NOTE #3 WAS 'MICRO SWITCH SETUP/ADJUST INSTRUCTIONS?'; DELETED -58; FOR -67 ADDED BEND INFO; ON -71, ADDED 0.250" DIA HOLE FOR TOOL; ADDED SECTION G-G ON SHT 6; FOR -1, RT-4000-4 REPLACED WITH ES40310-1, RT-4000-5 REPLACED WITH ES40310-2, RT-4000-6 REPLACED WITH ES40310-3, RT-4000-7 REPLACED WITH ES40310-4, REMOVED RT-1000-53.	JT	JT	LS
	C	7/25/18	ADDED NOTES 7 & 8 WITH CORRESPONDING NOTE FLAGS, ADDED BILLET SIZE TO ALL COMPONENT MATERIAL CALLOUTS.	EW	CMK	LS
	D	12/18/18	CHANGED BONDING STRAP LENGTH TO 21 IN FROM 12 IN ON -16 GROUNDING STRAP ASSEM; CHANGED -1 RETRACTABLE TURRET ASSEM BONDING TESTING NOTE 7; ADDED CRIMP INSTRUCTIONS FOR -16GROUNDING STRAP; CHANGED NOTE 6 NUMBER TO 1 AND ADDED REFERENCE ISOMETRIC VIEW ON -23 YOKE; REMOVED RT-1000-46 BUSHING; UPDATED REF BALLOONS ON SHEET 4 & 6	CMK	CMK	LS
	E	1/3/19	REMOVE UNNEEDED GD&T AND CAD PROFILE REFERENCES FROM -21, -22, -23, -27, -36, -37; ADDED DIMENSIONS TO -23	CMK	CMK	LS
	F	7/2/19	-1 SHOWN IN RETRACTED STATE, UPDATED ALL BOM AND BALLOON NUMBERING; -2 CHANGED TO ES39212-3 WITH ASSOCIATED HARDWARE; -13 ADDED ADDITIONAL SWITCH WITH LONGER SCREWS; -46 ADDED BACK FROM PREVIOUS DESIGN; -67 REMOVED LIGHTENING HOLE & ADDED EMERGENCY PUMP MOUNTING HOLES, ADDED WIRE LOOM TIE MOUNT HOLES; -71 INCREASED PRIMARY CYLINDER MOUNT HOLE SIZE TO 0.443, ADDED CHAMFER SHOWN IN DETAIL VIEW CN; ADDED -18/-19/-78/-79/-80/-81/-82/-83/-84/-85/-86/-100; REMOVED -3/-8/-10/-54/-55/-56/-57/-65/-72; -19 REMOVED -86 & ES50191-5 & ASSOCIATED HARDWARE; UPDATED -86 DESIGN TO FIT IN RT-6100 ENCLOSURE	CMK	CMK	LS
	G	5/7/20	ADDED -87 SWITCH; MODIFIED -13/-18 TO INCLUDE -87 SWITCH WITH CAP NUT, WASHERS, AND SCREW	CMK	CMK	LS

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DIMENSIONS IN INCHES  
TOLERANCES EXCEPT WHERE NOTED:  
.X = ±.1  
.XX = ±.05  
.XXX= ±.010  
ANGLES=± 1°

THREADS:  
INTERNAL CLASS 2B  
EXTERNAL CLASS 2A

3RD ANGLE PROJECTION

TITLE  
RETRACTABLE  
TURRET ASSEMBLY

DRAWN BY  
KEW

CHK'D BY  
LS

APRVD. BY  
JT

DATE  
7/18/16

DO NOT SCALE DRAWING

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DRAWING NUMBER  
RT-1000

REV  
G

ECO

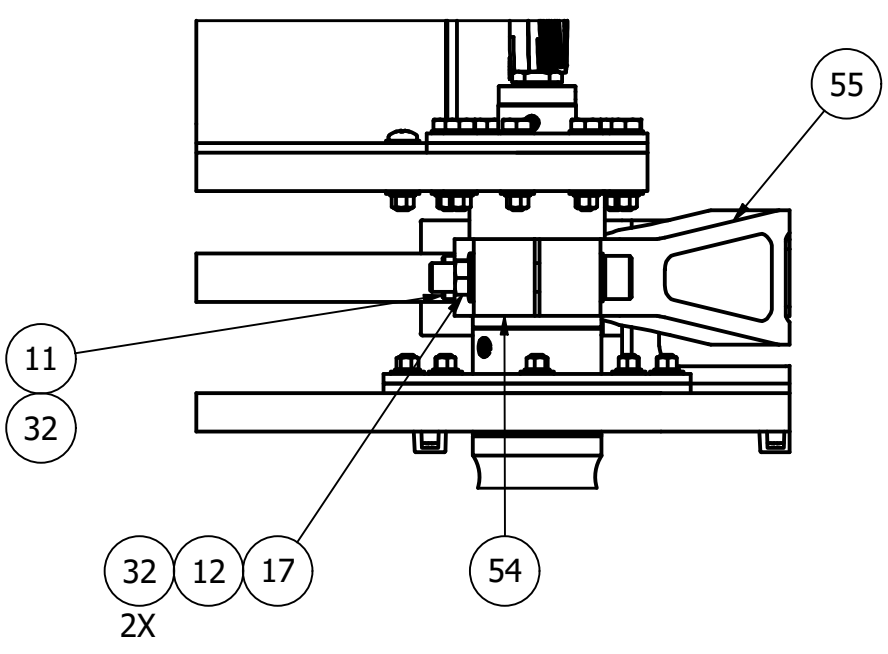
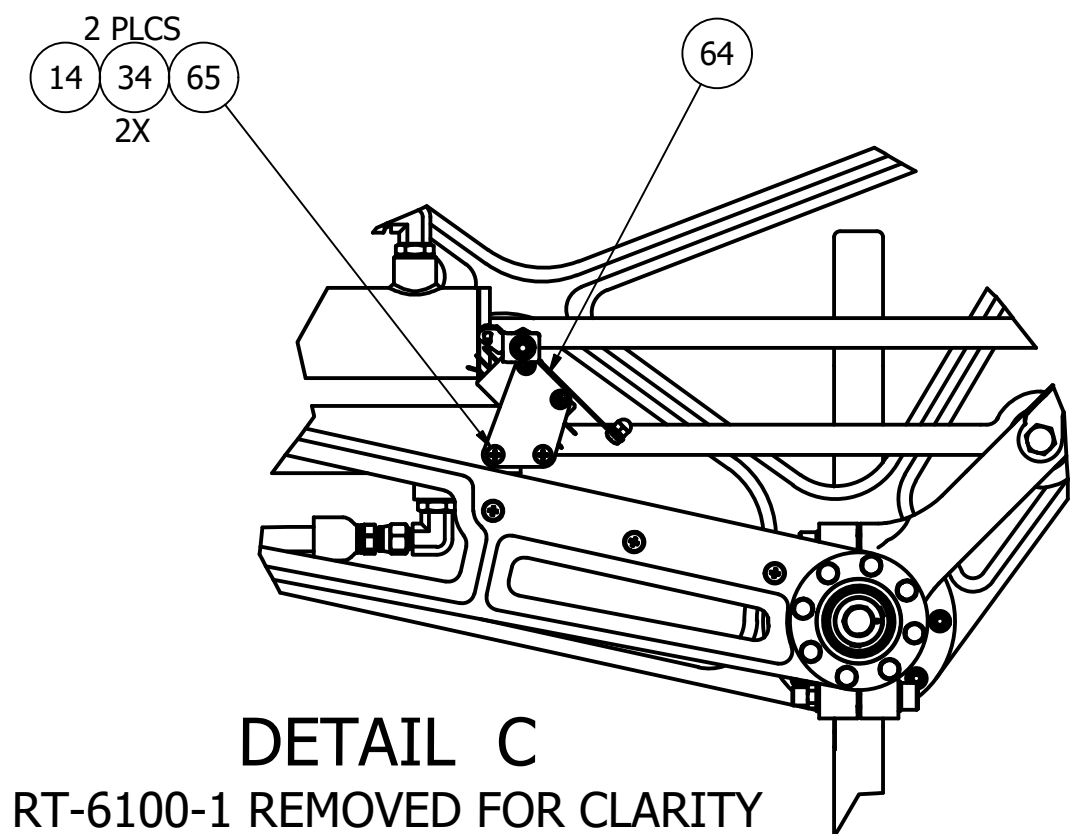
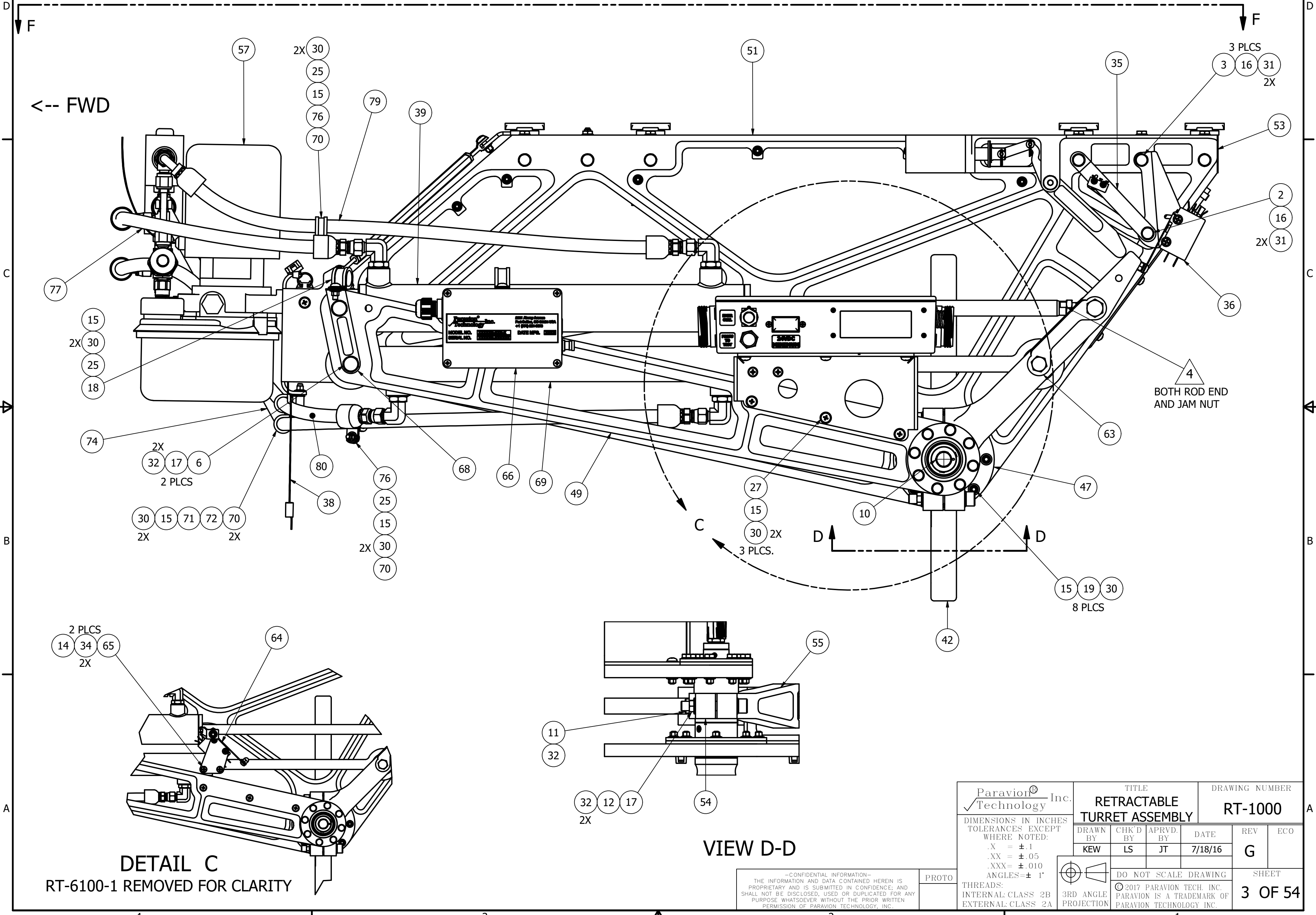
SHEET  
1 OF 54





**-1 RETRACTABLE TURRET ASSEM**  
(SHEET 2)

8




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DIMENSIONS IN INCHES TOLERANCES EXCEPT WHERE NOTED: .X = ±.1 .XX = ±.05 .XXX = ±.010 ANGLES = ± 1°	DRAWN BY KEW	CHK'D BY LS	APRVD. BY JT	DATE 7/18/16	REV G
	DO NOT SCALE DRAWING				ECO
THREADS: INTERNAL: CLASS 2B EXTERNAL: CLASS 2A		3RD ANGLE PROJECTION		SHEET 3 OF 54	

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	RETRACTABLE TURRET ASSEMBLY				RT-1000		
	DIMENSIONS IN INCHES TOLERANCES EXCEPT WHERE NOTED:						
	.X = ± .1 .XX = ± .05 .XXX = ± .010 ANGLES ± 1°		DRAWN BY KEW	CHK'D BY LS	APRVD. BY JT	DATE 7/18/16	REV G
0			DO NOT SCALE DRAWING			SHEET	
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	THREADS: INTERNAL: CLASS 2B EXTERNAL: CLASS 2A						

**-1 RETRACTABLE TURRET ASSEM**  
(SHEET 3)

8

ALIGN MASKED AREAS  
ON MAIN BEARING ASSEM  
(RT-1000-5) AND BOTH SIDE  
PLATES (RT-1000-68 & -69)  
DURING ASSEMBLY.

15  
19  
30  
8 PLCS

10

47

FWD -->

LOCATE GROUND FOR  
PRIMARY HYDRAULIC PUMP  
SEE RT-6000 SHT 2

LOCATE GROUND FOR EMERGENCY HYDRAULIC PUMP  
& EMERGENCY BATTERY  
SEE RT-6000 SHT 2

INSTALL TERMINAL  
UNDER WASHER

38  
REF

SECTION B-B  
SCALE .4

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DIMENSIONS IN INCHES TOLERANCES EXCEPT WHERE NOTED: .X = $\pm .1$ .XX = $\pm .05$ .XXX = $\pm .010$ ANGLES = $\pm 1^\circ$		DRAWN BY KEW	CHK'D BY LS	APRVD. BY JT	DATE 7/18/16
THREADS: INTERNAL: CLASS 2B EXTERNAL: CLASS 2A		DO NOT SCALE DRAWING		REV G	ECO
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8

3RD ANGLE  
PROJECTION



7

CLAMP TO MASKED AREA AROUND  
FASTENER HOLE ON -23 YOKE.



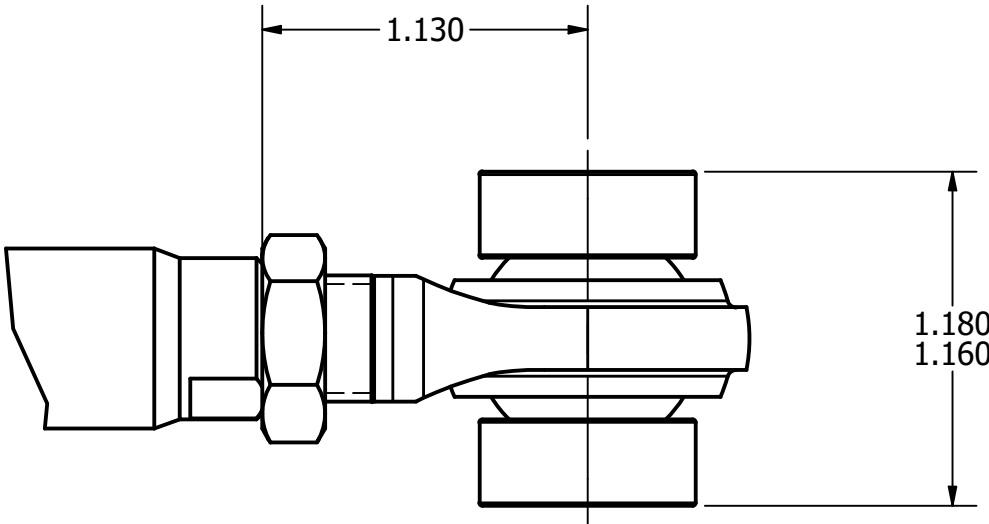
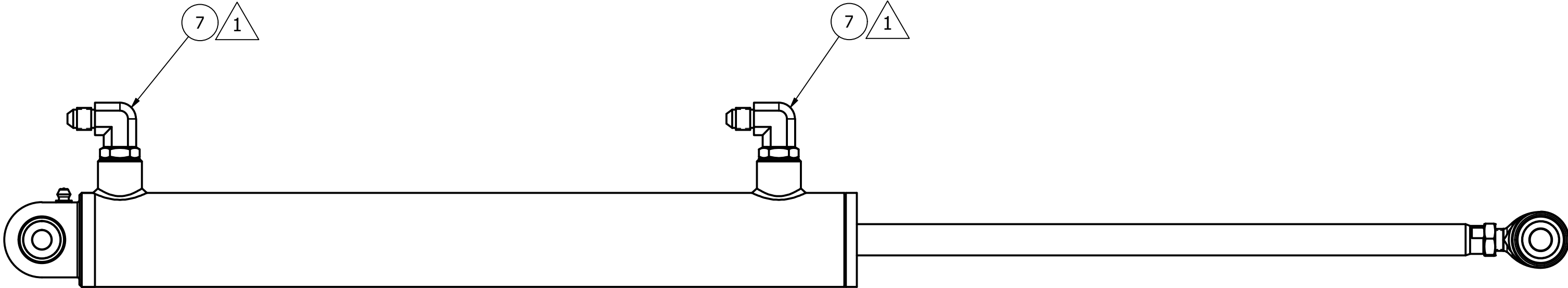
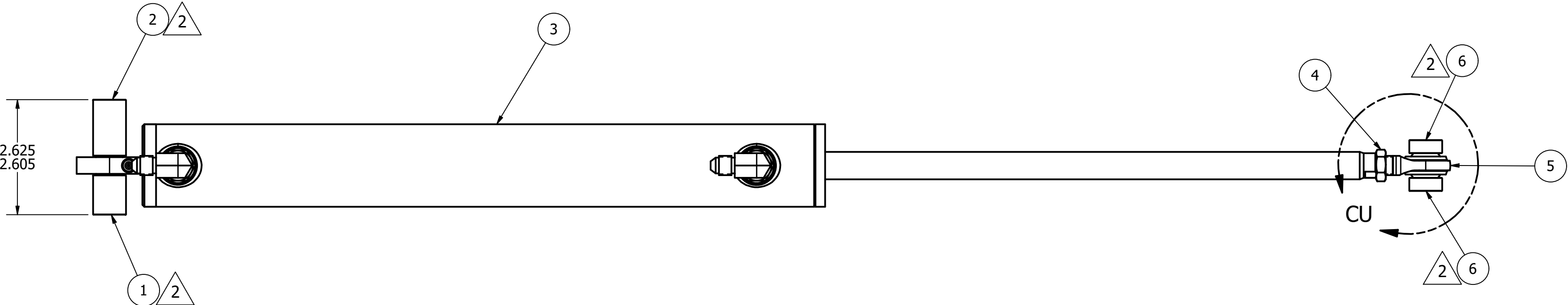
3RD ANGLE  
PROJECTION

-2 CYLINDER ASSEM

NOTE:

1. ALIGN AS SHOWN
2. PRESS FIT TO MATING PART, NOTE ORIENTATION

PARTS LIST			
ITEM	QTY	PART NUMBER	DESCRIPTION
1	1	RT-1000-83	BUSHING
2	1	RT-1000-84	BUSHING
3	1	ES39212-3	CYLINDER
4	1	AN316-7	NUT
5	1	ES39601-1	ROD END
6	2	RT-1000-85	BUSHING
7	2	ES45003-1	STRAIGHT THREAD ELBOW



DETAIL CU  
SCALE 1.5

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	DO NOT SCALE DRAWING			REV G
	3RD ANGLE PROJECTION			ECO SHEET 8 OF 54

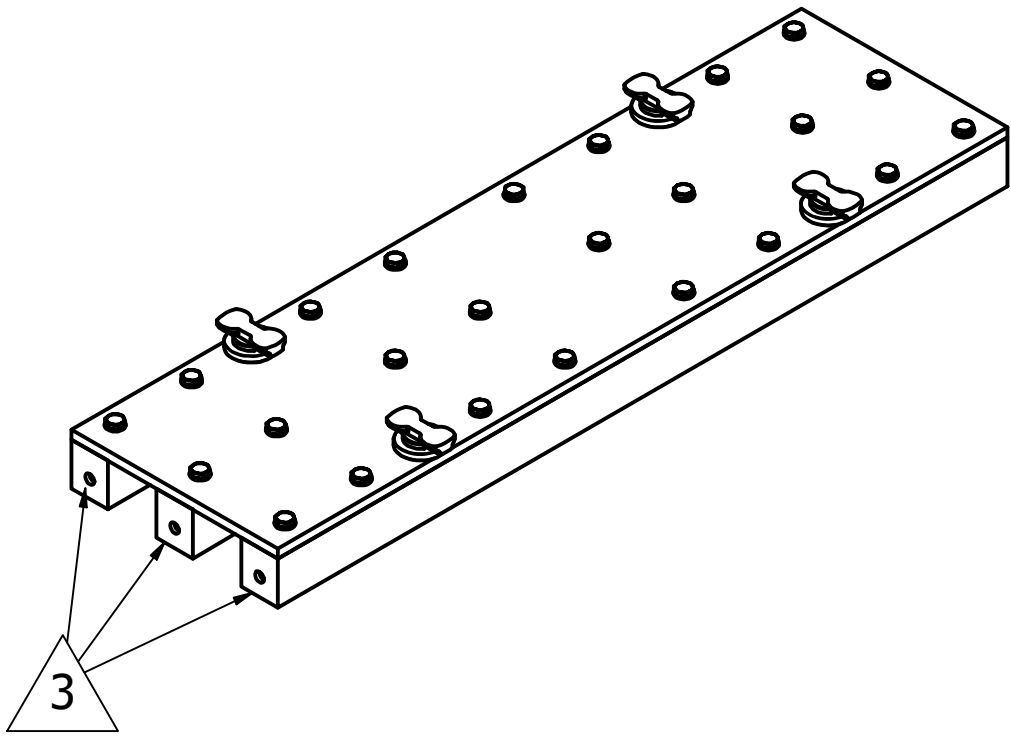
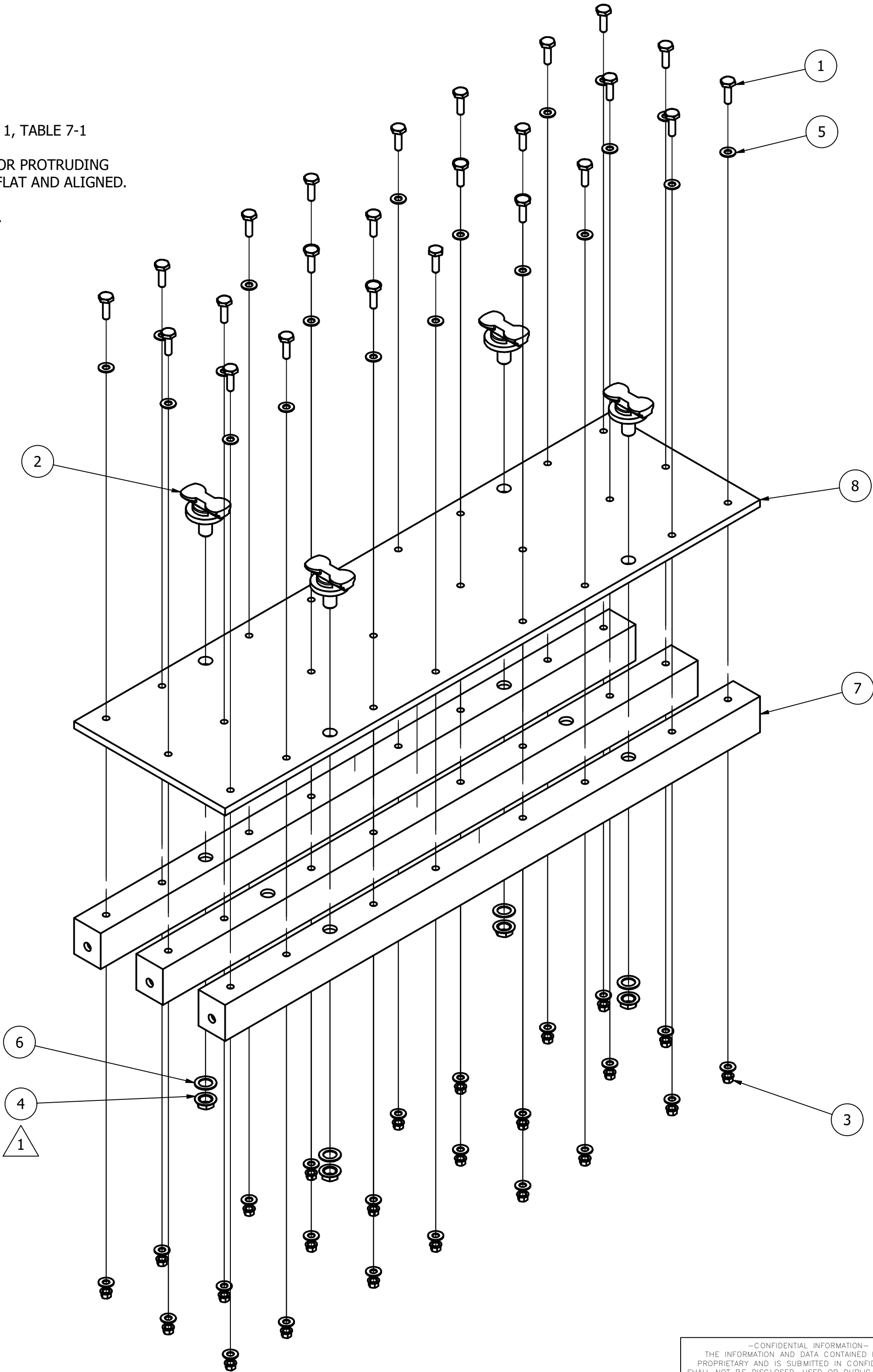


-4 AFT BEAM ASSEM

NOTE:

1. INSTALL HAND TIGHT ONLY
2. TORQUE FASTENERS PER AC43.13-1B CHG 1, TABLE 7-1
3. ASSEMBLE WITH BEAM SUPPORTS FLUSH OR PROTRUDING FROM EDGE OF BEAM. VERIFY ENDS ARE FLAT AND ALIGNED.
4. ALIGN MASKED AREAS DURING ASSEMBLY.

PARTS LIST			
ITEM	QTY	PART NUMBER	DESCRIPTION
1	24	AN3-5A	BOLT
2	4	ES35150-2	FITTING
3	24	MS21042L3	NUT
4	4	MS21042L6	LOCKING NUT
5	48	NAS1149D0332J	WASHER
6	4	NAS1149D0632J	WASHER
7	3	RT-1000-24	AFT BEAM SUPPORT
8	1	RT-1000-25	BEAM



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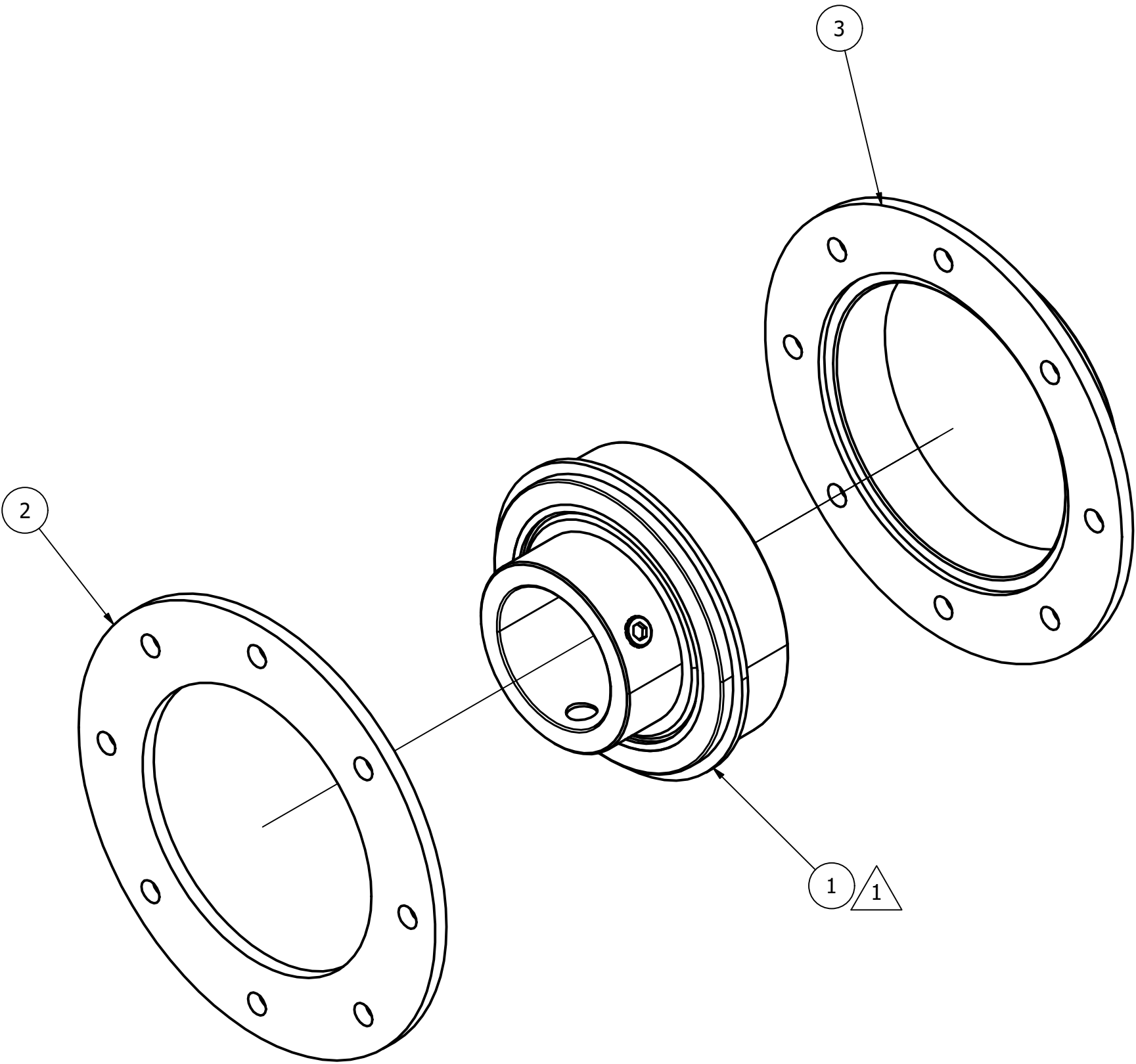
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-5 MAIN BEARING ASSEM

NOTE:

1. PRESS FIT TO MATING PART.
2. ALIGN MASKED AREAS DURING ASSEMBLY.

PARTS LIST			
ITEM	QTY	PART NUMBER	DESCRIPTION
1	1	ES39515-1	BEARING
2	1	RT-1000-28	BEARING RETAINER
3	1	RT-1000-29	BEARING CUP



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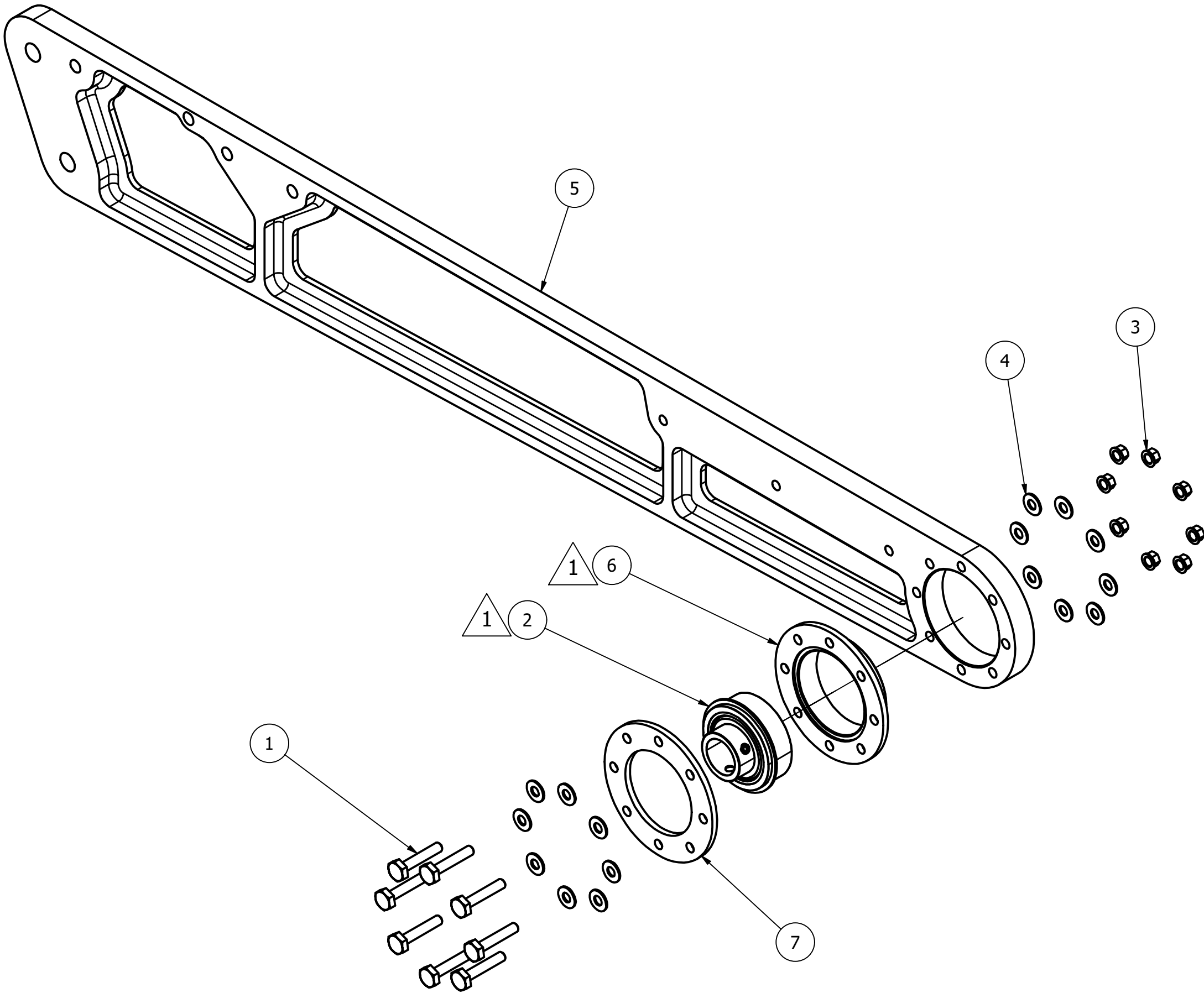
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DIMENSIONS IN INCHES TOLERANCES EXCEPT WHERE NOTED: .X = ±.1 .XX = ±.05 .XXX = ±.010 ANGLES = ± 1°		DRAWN BY KEW	CHK'D BY LS	APRVD. BY JT	DATE 7/18/16
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-6 SIDE BEARING ASSEM

NOTE:

1. PRESS FIT TO MATING PART.
2. ALIGN MASKED AREAS DURING ASSEMBLY.

PARTS LIST			
ITEM	QTY	PART NUMBER	DESCRIPTION
1	8	AN3-10A	BOLT
2	1	ES39515-2	BEARING
3	8	MS21042L3	NUT
4	16	NAS1149D0332J	WASHER
5	1	RT-1000-27	SIDE BRACE
6	1	RT-1000-32	SIDE BEARING CUP
7	1	RT-1000-33	SIDE BEARING RETAINER



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	RETRACTABLE TURRET ASSEMBLY				RT-1000		
	DRAWN BY	CHK'D BY	APRVD. BY	DATE	REV	ECO	
	KEW	LS	JT	7/18/16	G		
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THREADS: INTERNAL CLASS 2B EXTERNAL CLASS 2A	3RD ANGLE PROJECTION						

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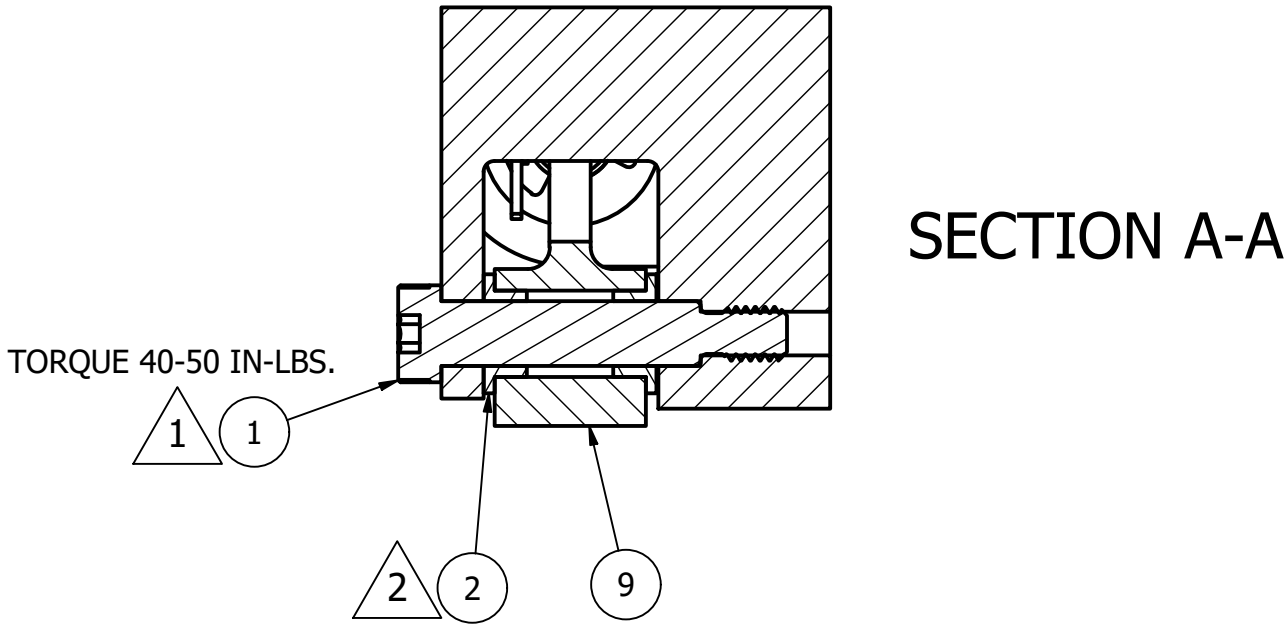
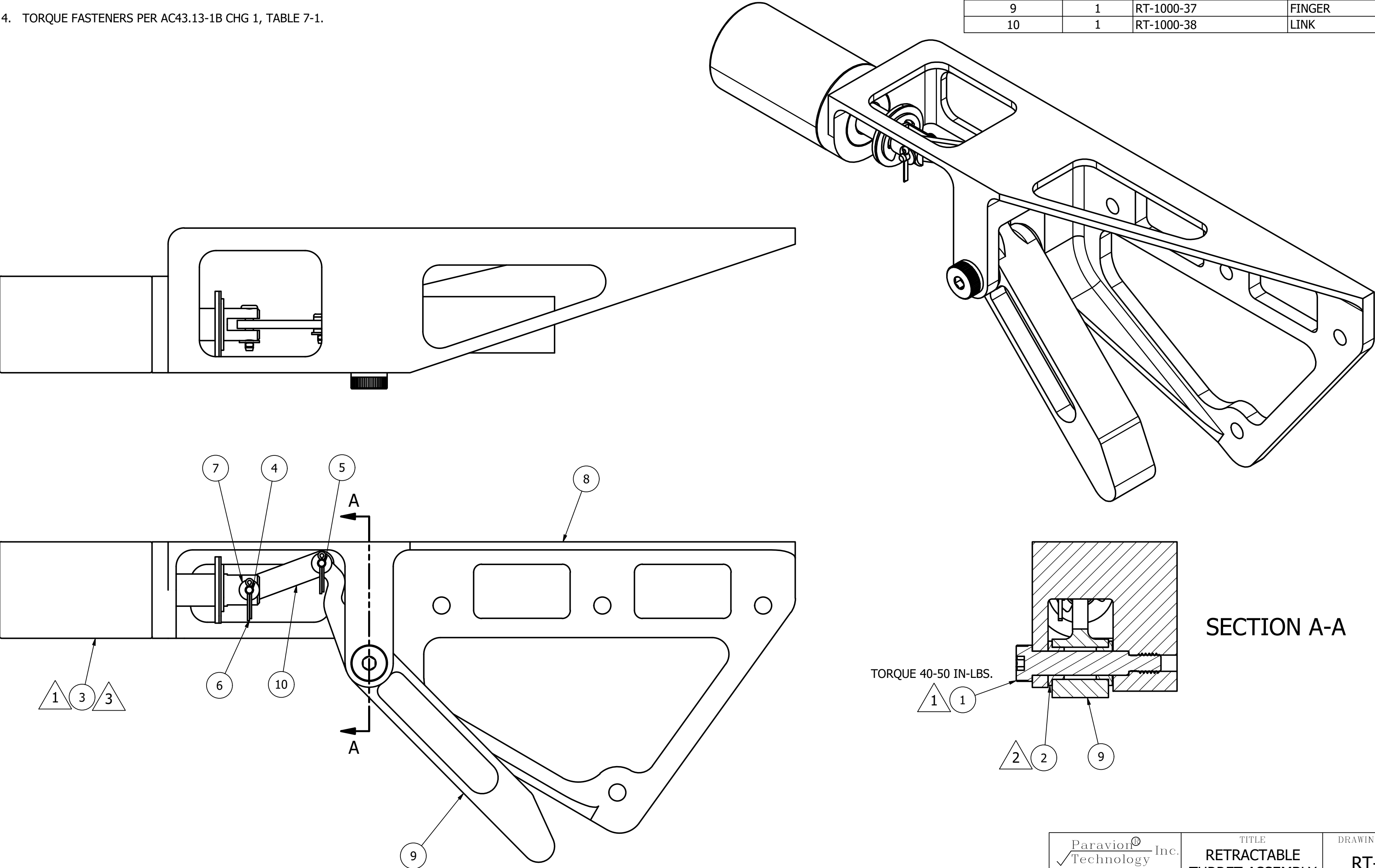


-7 UPLOCK ASSEM

NOTE:

1. USE LOCKTITE P/N 81792 (RED) THREADLOCKER OR EQUIV.
2. PRESS FIT TO MATING PART. APPLY THREAD LOCKING COMPOUND PERMATEX RED #26250 OR EQUIV.
3. INSTALL HAND TIGHT ONLY.
4. TORQUE FASTENERS PER AC43.13-1B CHG 1, TABLE 7-1.

PARTS LIST			
ITEM	QTY	PART NUMBER	DESCRIPTION
1	1	ES32000-1	SHOULDER SCREW
2	2	ES39505-1	BUSHING
3	1	ES50550-1	LINEAR SOLENOID
4	1	MS20392-1C17	PIN
5	1	MS20392-1C9	PIN
6	2	MS24665-170	COTTER PIN
7	2	NAS1149DN432J	WASHER
8	1	RT-1000-36	FRAME
9	1	RT-1000-37	FINGER
10	1	RT-1000-38	LINK



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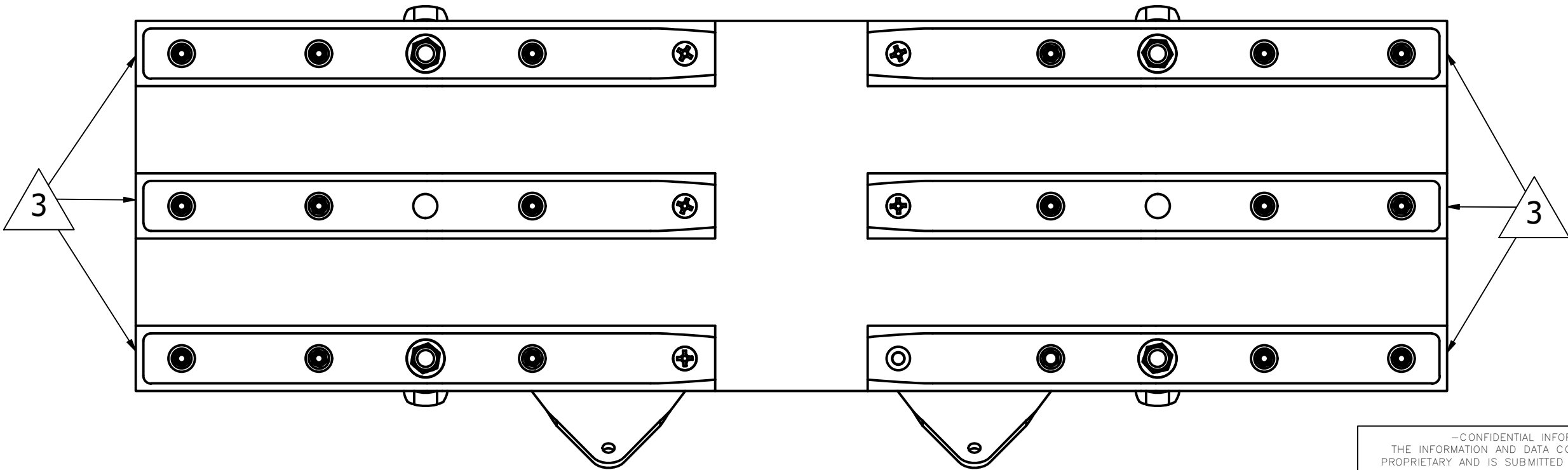
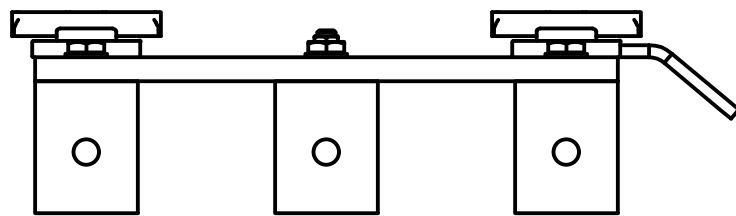
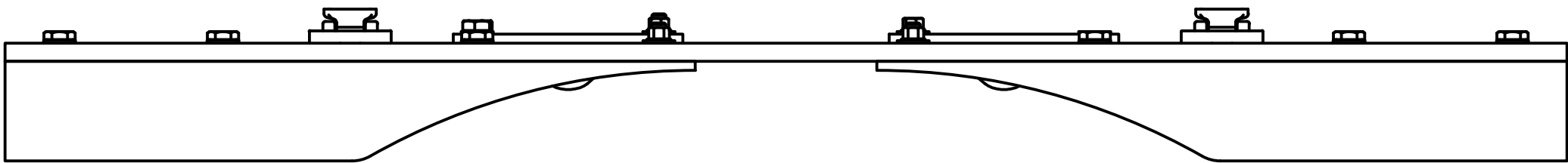
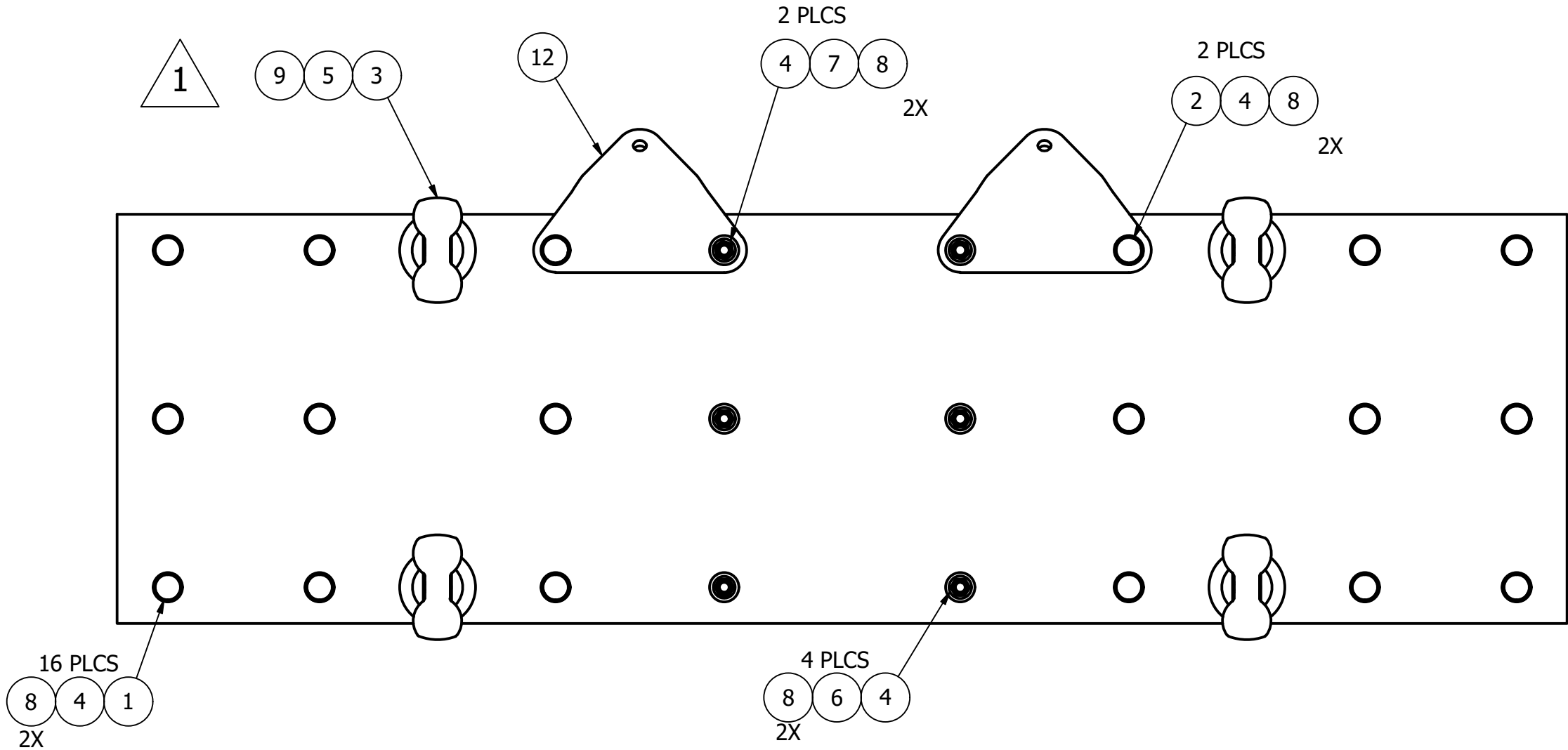
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-9 FWD BEAM ASSEM

NOTE:

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2. TORQUE FASTENERS PER AC43.13-1B CHG 1, TABLE 7-1
3. ASSEMBLE WITH BEAM SUPPORTS FLUSH OR PROTRUDING FROM EDGE OF BEAM. VERIFY ENDS ARE FLAT AND ALIGNED.
4. ALIGN MASKED AREAS DURING ASSEMBLY.

PARTS LIST			
ITEM	QTY	PART NUMBER	DESCRIPTION
1	16	AN3-5A	BOLT
2	2	AN3-6A	BOLT
3	4	ES35150-2	FITTING
4	24	MS21042L3	NUT
5	4	MS21042L6	LOCKING NUT
6	4	MS24694-S52	SCREW
7	2	MS24694-S54	SCREW
8	42	NAS1149D0332J	WASHER
9	4	NAS1149D0632J	WASHER
10	1	RT-1000-25	BEAM
11	6	RT-1000-26	FWD BEAM SUPPORT
12	2	RT-1000-66	SUPPORT TAB



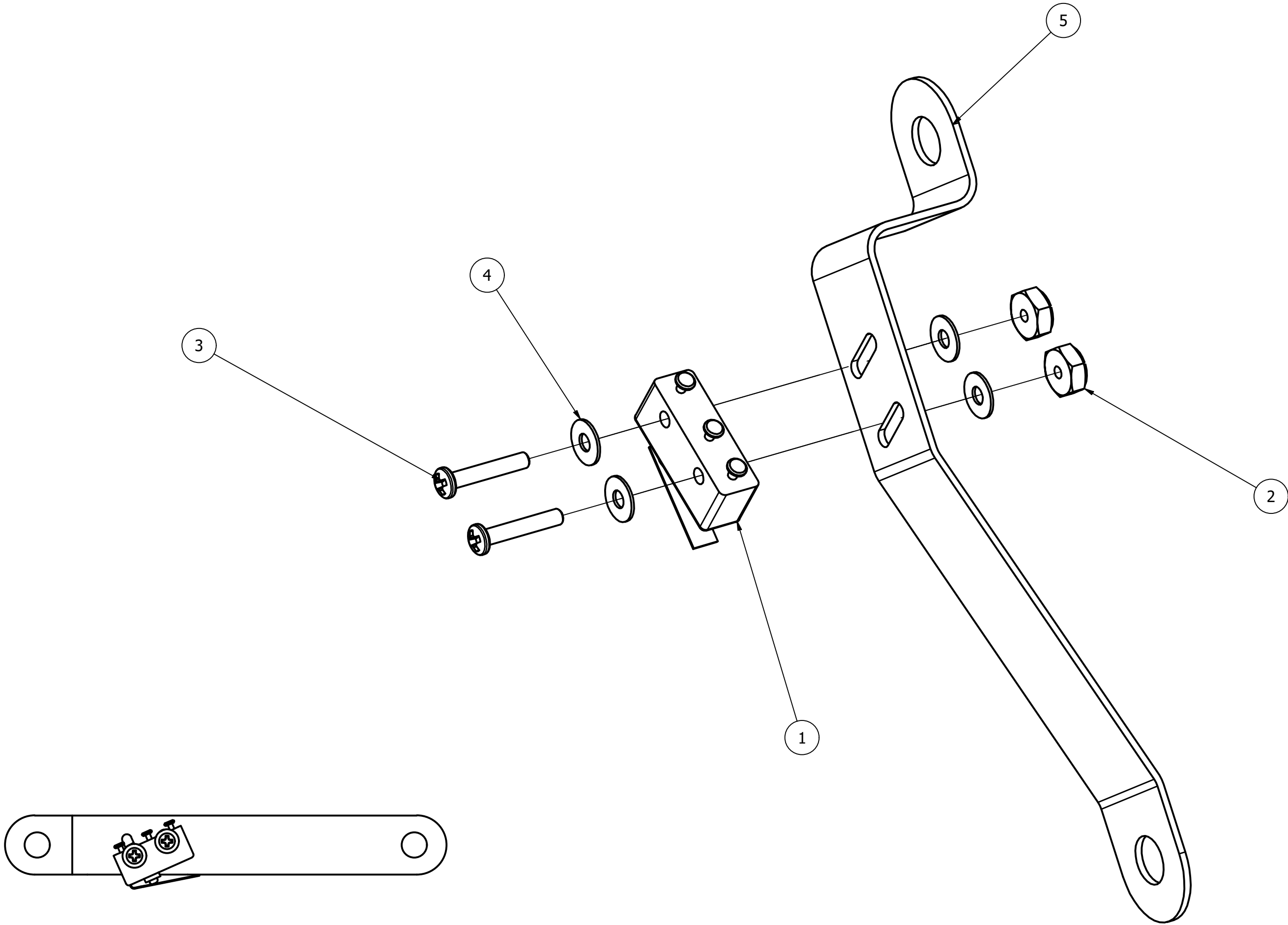
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	DO NOT SCALE DRAWING				ECO
THREADS: INTERNAL: CLASS 2B EXTERNAL: CLASS 2A		3RD ANGLE PROJECTION		SHEET 13 OF 54	

-12 SWITCH ASSEM

PARTS LIST			
ITEM	QTY	PART NUMBER	DESCRIPTION
1	1	ES50500-2	SPDT MICRO SWITCH
2	2	MS21083-C02	NUT
3	2	MS51957-7	SCREW
4	4	NAS1149DN216J	WASHER
5	1	RT-1000-39	SWITCH BRACKET



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1. USE LOCTITE P/N 81792 (RED) THREADLOCKER OR EQUIV.

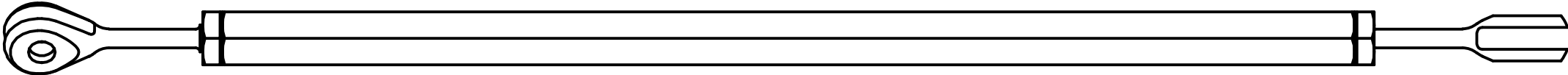
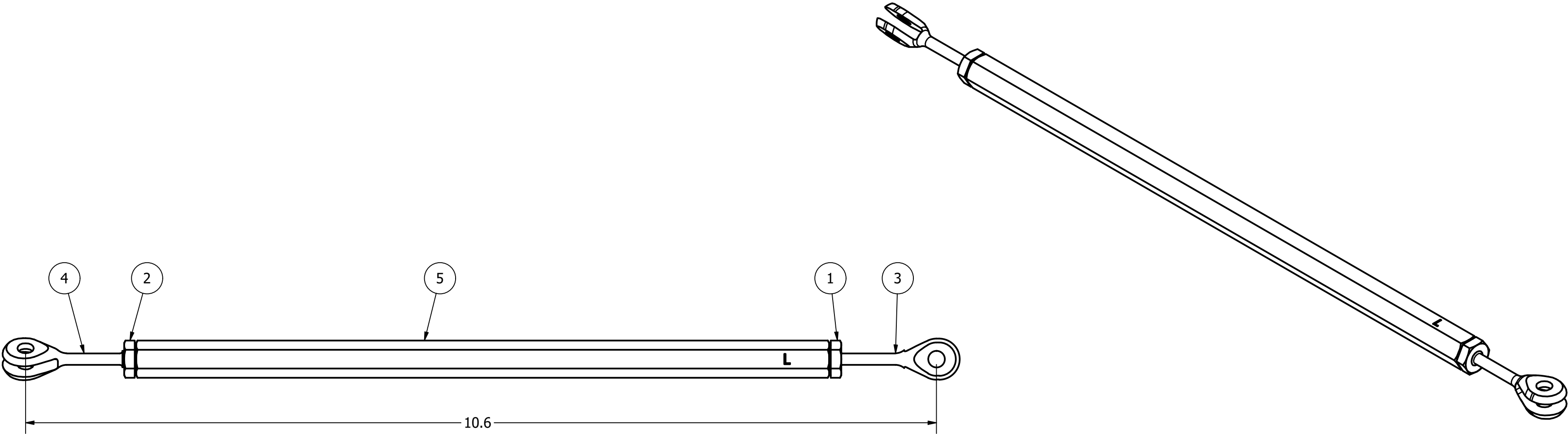
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PROTO

-15 SUPPORT ROD ASSEM

PARTS LIST			
ITEM	QTY	PART NUMBER	DESCRIPTION
1	1	AN315-3L	NUT
2	1	AN315-3R	NUT
3	1	MS21252-3LS	CLEVIS END
4	1	MS21252-3RS	CLEVIS END
5	1	RT-1000-60	ROD



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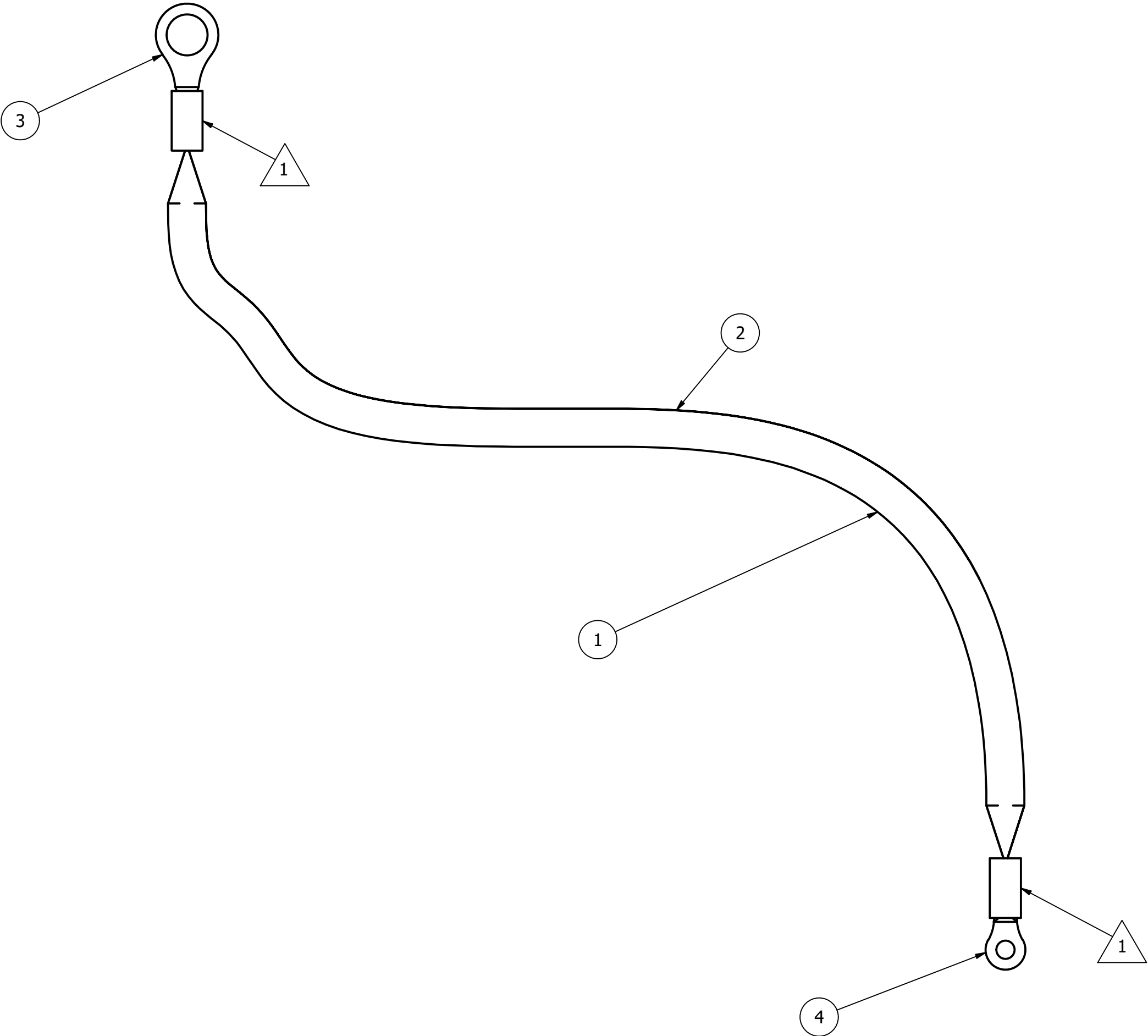
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Paravion <sup>®</sup> Technology Inc.		TITLE RETRACTABLE TURRET ASSEMBLY				DRAWING NUMBER RT-1000	
DIMENSIONS IN INCHES TOLERANCES EXCEPT WHERE NOTED: .X = ±.1 .XX = ±.05 .XXX = ±.010 ANGLES = ± 1'  THREADS: INTERNAL CLASS 2B EXTERNAL CLASS 2A		DRAWN BY KEW	CHK'D BY LS	APRVD. BY JT	DATE 7/18/16	REV G	ECO
		DO NOT SCALE DRAWING				SHEET 16 OF 54	
		© 2017 PARAVION TECH. INC. PARAVION IS A TRADEMARK OF PARAVION TECHNOLOGY INC.					

-16 GROUNDING STRAP ASSEM

1 CRIMP TERMINALS PER MANUFACTURER'S RECOMMENDATIONS OR AMP 408-9252 SECTION 4.4 INSPECTION

PARTS LIST			
ITEM	QTY	PART NUMBER	DESCRIPTION
1	21 IN	ES53600-3	FLAT BRAID
2	21 IN	M23053/5-107-0	HEAT SHRINK
3	1	MS25036-114	RING TERMINAL
4	1	MS25036-156	RING TERMINAL



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DIMENSIONS IN INCHES TOLERANCES EXCEPT WHERE NOTED: .X = ±.1 .XX = ±.05 .XXX = ±.010 ANGLES = ± 1°		DRAWN BY KEW	CHK'D BY LS	APRVD. BY JT	DATE 7/18/16
THREADS: INTERNAL: CLASS 2B EXTERNAL: CLASS 2A		DO NOT SCALE DRAWING		REV G	ECO
3RD ANGLE PROJECTION		© 2017 PARAVION TECH. INC. PARAVION IS A TRADEMARK OF PARAVION TECHNOLOGY INC.		SHEET 17 OF 54	



1. USE LOCTITE P/N 81792 (RED) THREADLOCKER OR EQUIV.

DA

PROTO



3RD ANGLE  
PROJECTION

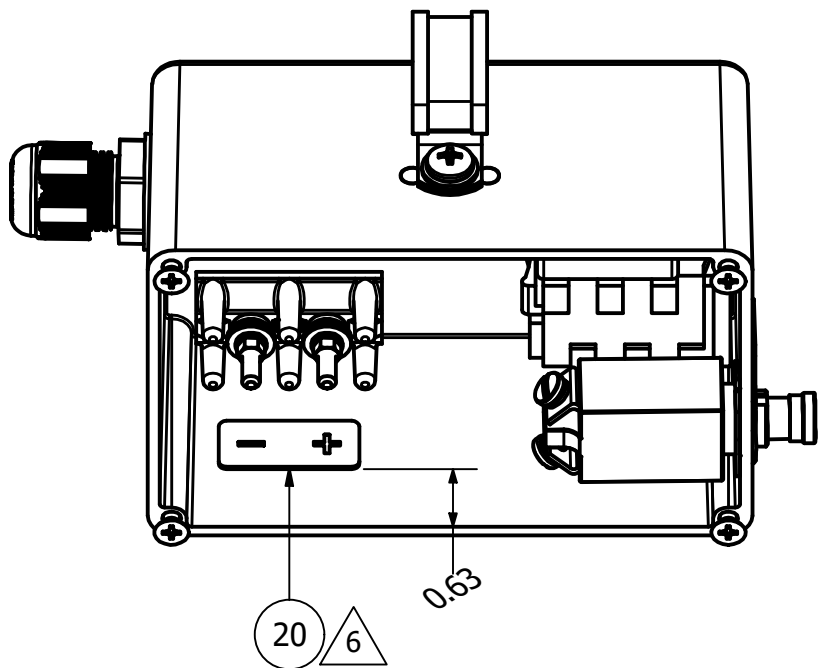
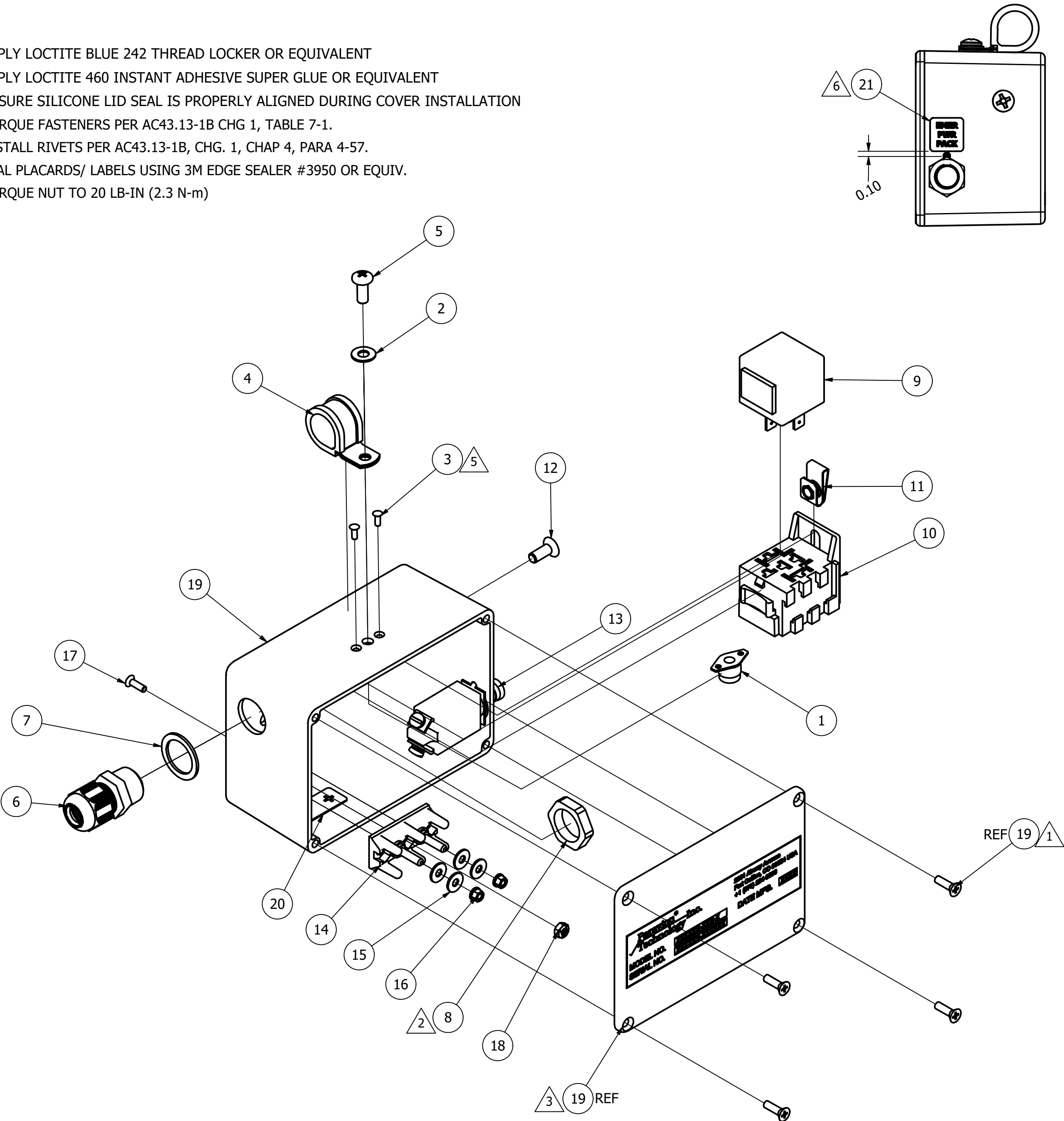
SHEET  
18 OF 54

-19 EMERGENCY SYSTEM ENCLOSURE ASSEM

NOTES:

1. APPLY LOCTITE BLUE 242 THREAD LOCKER OR EQUIVALENT
2. APPLY LOCTITE 460 INSTANT ADHESIVE SUPER GLUE OR EQUIVALENT
3. ENSURE SILICONE LID SEAL IS PROPERLY ALIGNED DURING COVER INSTALLATION
4. TORQUE FASTENERS PER AC43.13-1B CHG 1, TABLE 7-1.
5. INSTALL RIVETS PER AC43.13-1B, CHG. 1, CHAP 4, PARA 4-57.
6. SEAL PLACARDS/ LABELS USING 3M EDGE SEALER #3950 OR EQUIV.
7. TORQUE NUT TO 20 LB-IN (2.3 N-m)

PARTS LIST			
ITEM	QTY	PART NUMBER	DESCRIPTION
1	1	NAS1474A3	10-32 SELF-LOCKING CAPPED NUTPLATE
2	1	NAS1149D0332J	WASHER
3	2	MS20426AD3-4	RIVET
4	1	MS21919WDG10	ADEL CLAMP
5	1	MS27039-1-07	SCREW
6	1	ES50280-1	STRAIN RELIEF
7	1	ES50280-2	FLAT SEAL
8	1	ES50280-3	NUT
9	1	ES50186-1	RELAY
10	1	ES50187-1	RELAY SOCKET
11	1	ES39851-1	CLIP NUT
12	1	MS24693S272	SCREW
13	1	ES50184-6	CIRCUIT BREAKER
14	1	RT-1000-80	TERMINAL BLOCK
15	4	NAS1149DN632J	WASHER
16	2	MS21042L06	NUT
17	1	MS24693C4	SCREW
18	1	MS21083C04	LOCKNUT
19	1	RT-1000-81	ENCLOSURE
20	1	RT-6120-21	LABEL
21	1	RT-6120-22	LABEL



RT-1000-81 COVER NOT SHOWN FOR ILLUSTRATIVE PURPOSES

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DIMENSIONS IN INCHES TOLERANCES EXCEPT WHERE NOTED: .X = ±.1 .XX = ±.05 .XXX = ±.010 ANGLES = ± 1°		RETRACTABLE TURRET ASSEMBLY		RT-1000	
		DRAWN BY	CHK'D BY	APRVD. BY	DATE
		KEW	LS	JT	7/18/16
THREADS: INTERNAL: CLASS 2B EXTERNAL: CLASS 2A		DO NOT SCALE DRAWING		SHEET	
		3RD ANGLE PROJECTION		19 OF 54	

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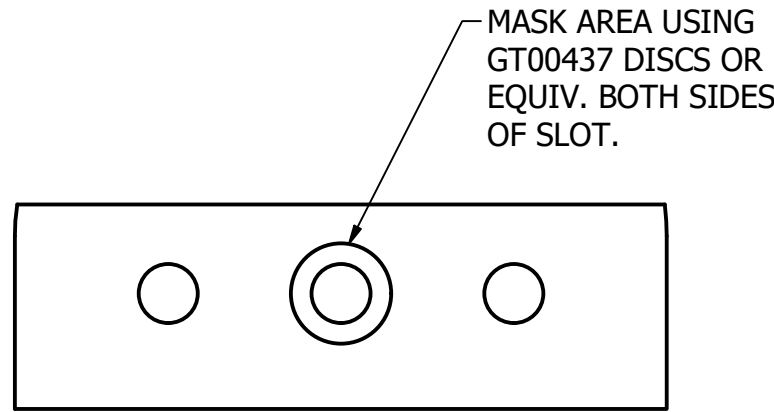
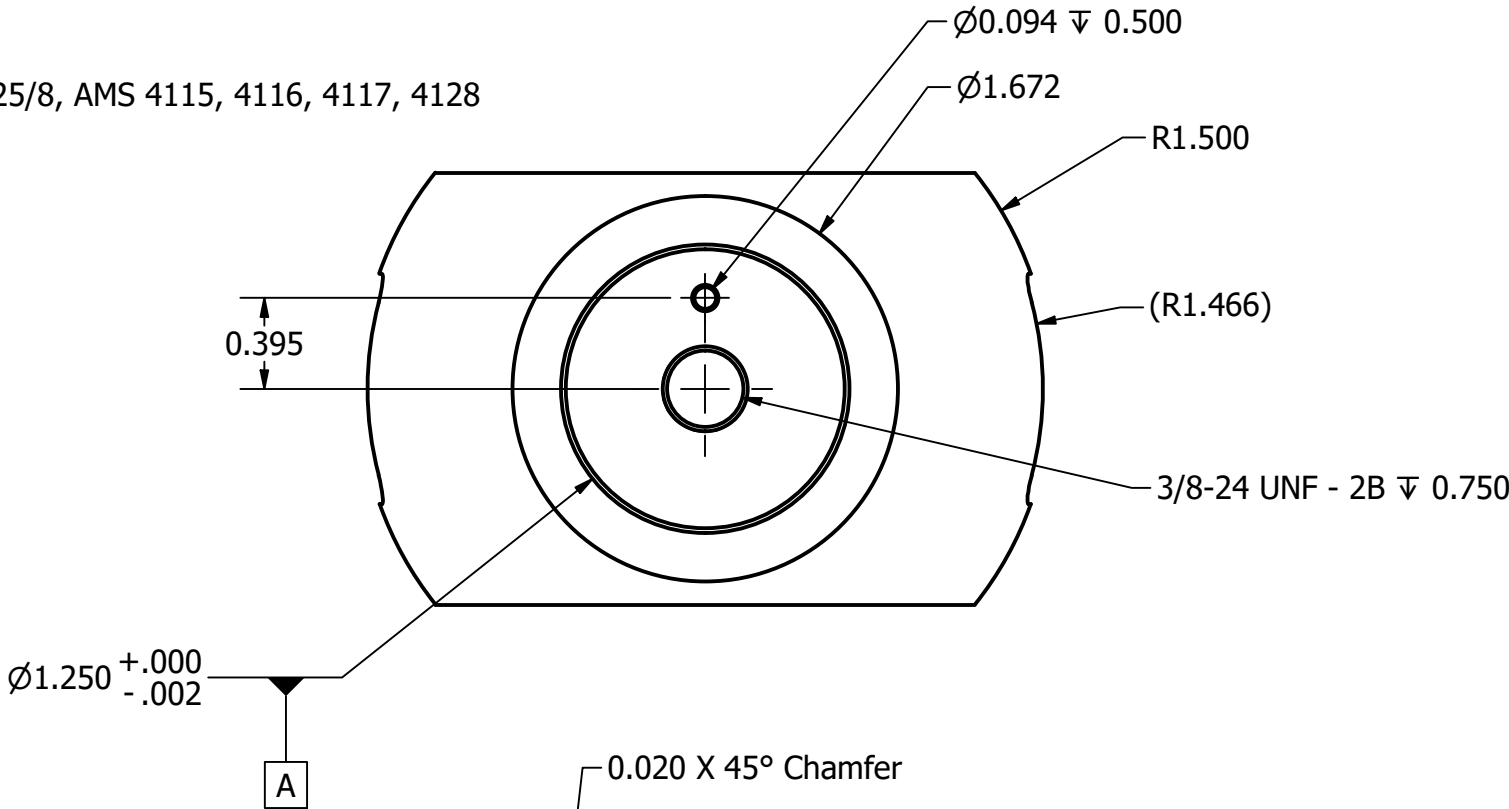
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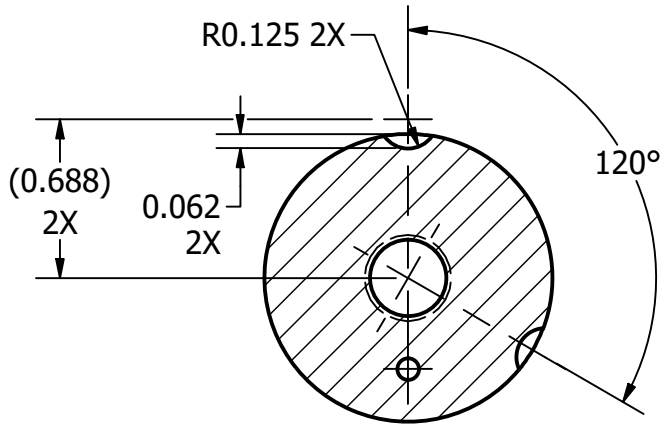
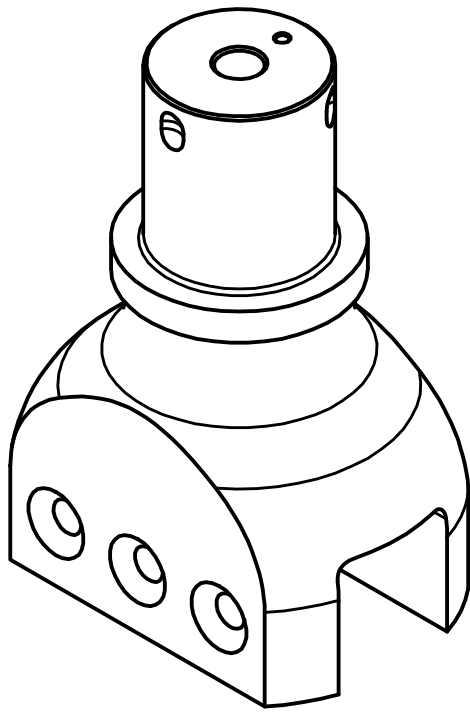


-22 PILOT SHAFT

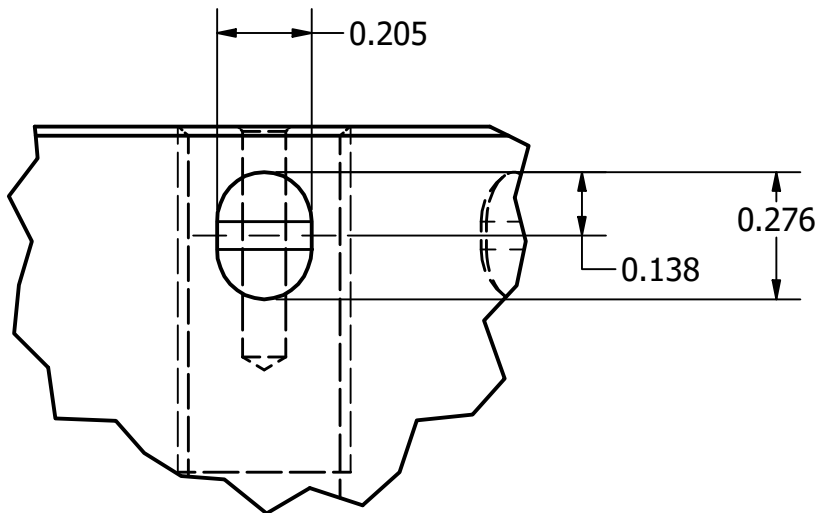
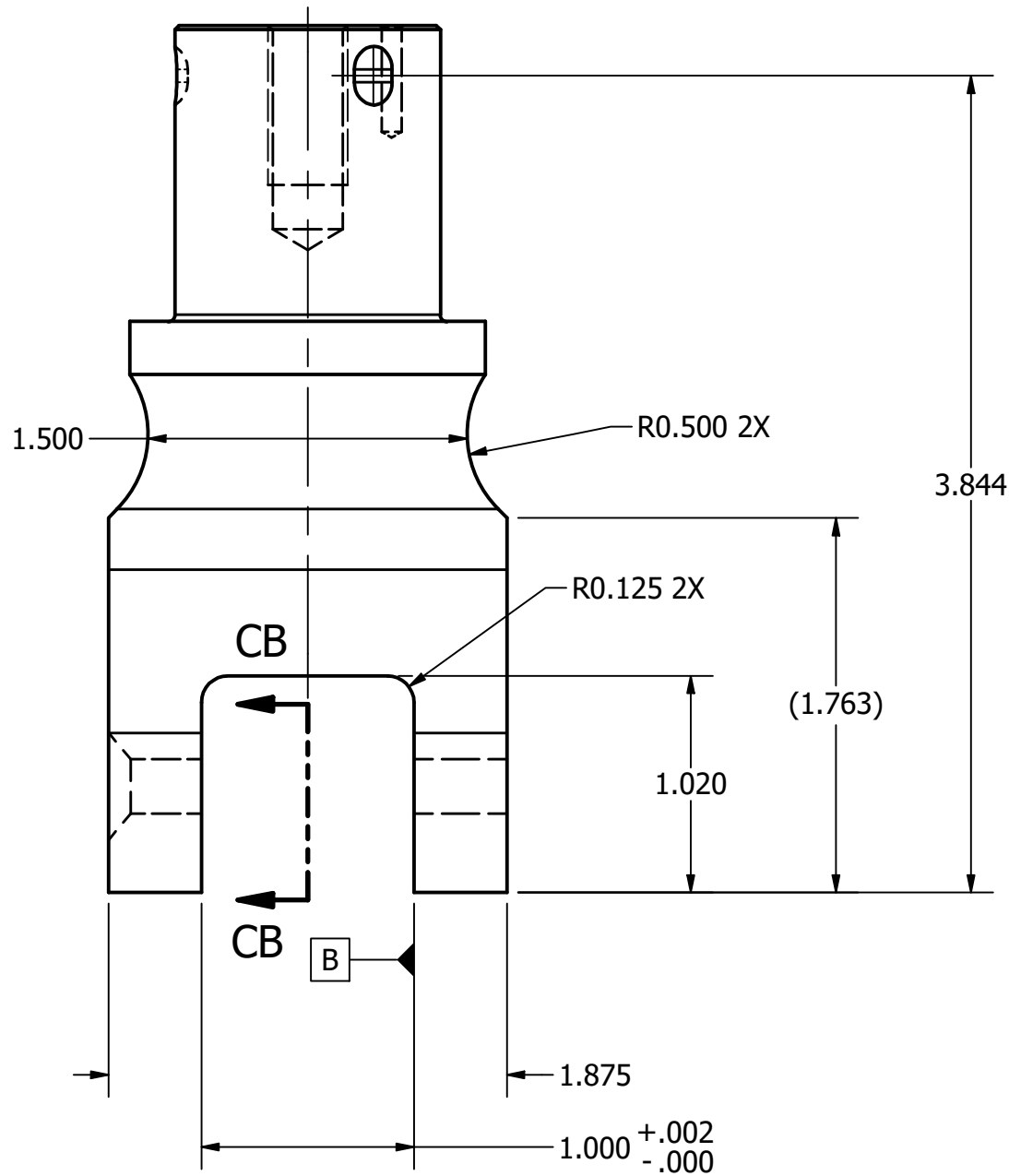
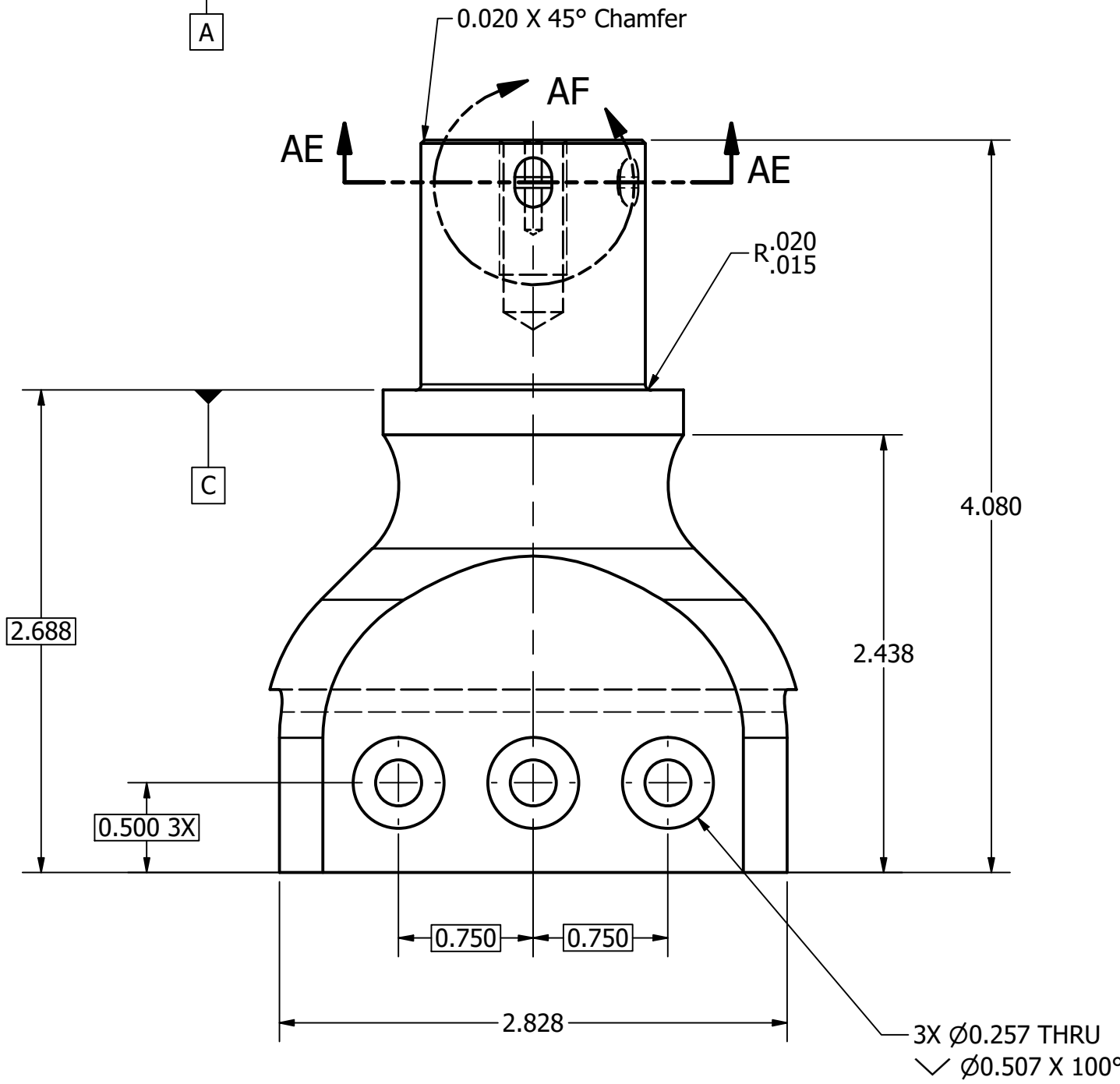
MATERIAL: 3.000" THK. 6061-T6 ALUMINUM ROD PER AMS-QQ-A-225/8, AMS 4115, 4116, 4117, 4128  
FINISH: ANODIZE PER MIL-A-8625 TYPE II, CLASS 2  
COLOR: BLACK  
NOTE: ALL DIMENSIONS APPLY AFTER ANODIZE.



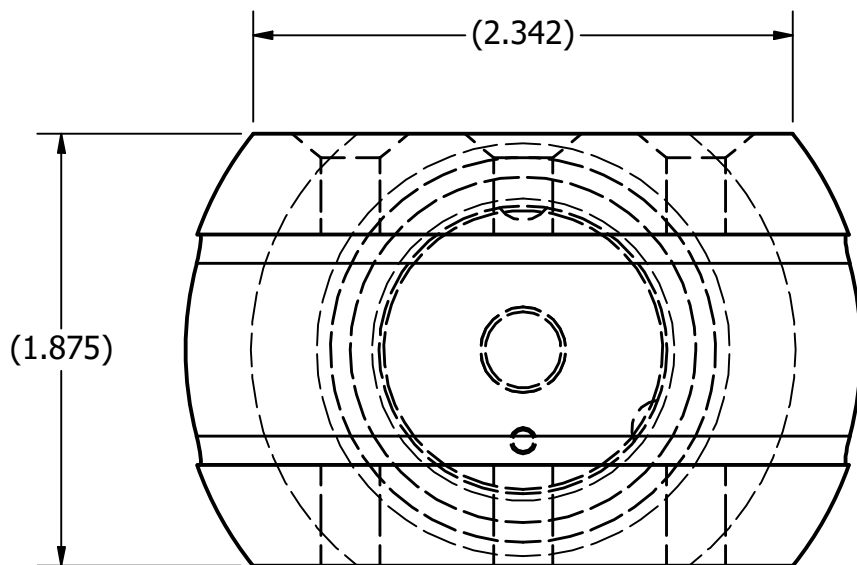
SECTION CB-CB



SECTION AE-AE



DETAIL AF  
2 PLCS



BREAK ALL SHARP EDGES

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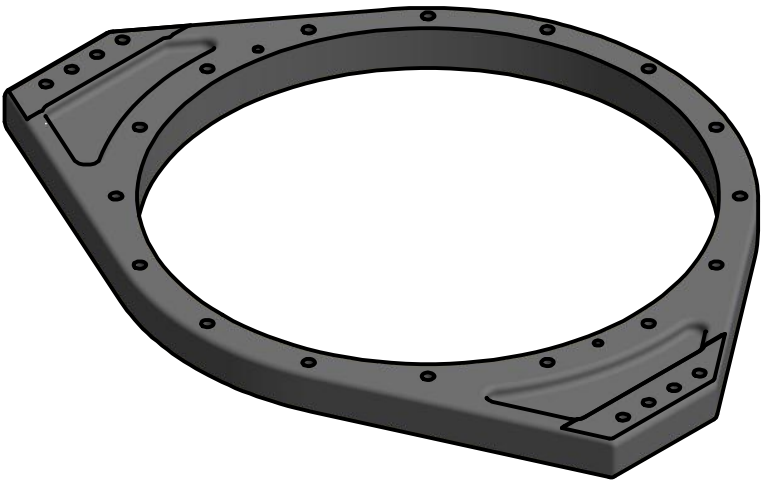
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Paravion <sup>®</sup> Technology Inc. DIMENSIONS IN INCHES TOLERANCES EXCEPT WHERE NOTED: .X = $\pm .1$ .XX = $\pm .05$ .XXX = $\pm .010$ ANGLES = $\pm 1^\circ$ THREADS: INTERNAL: CLASS 2B EXTERNAL: CLASS 2A	TITLE <b>RETRACTABLE TURRET ASSEMBLY</b>		DRAWING NUMBER <b>RT-1000</b>			
	DRAWN BY KEW	CHK'D BY LS	APRVD. BY JT	DATE 7/18/16	REV G	ECO
	DO NOT SCALE DRAWING				SHEET 21 OF 54	
	3RD ANGLE PROJECTION					

-23 YOKE

MATERIAL: 1.000" THK. 6061-T6 ALUMINUM PLATE PER AMS-QQ-A-250/11, AMS 4027 & 4025  
FINISH: ANODIZE PER MIL-A-8625 TYPE II, CLASS 2  
COLOR: BLACK

1 MARK PART "INSTALL GIMBAL THIS SIDE".



D

D

C

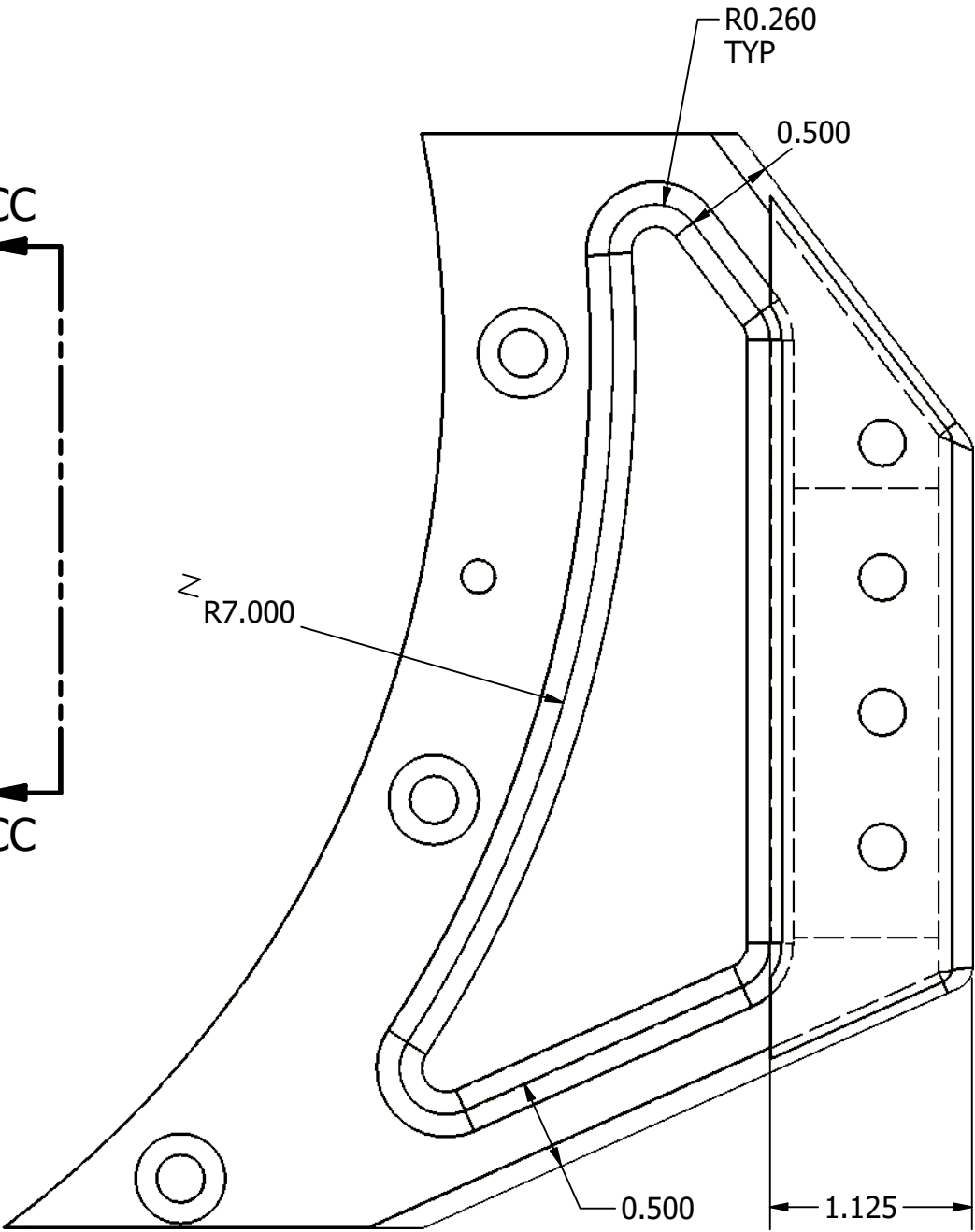
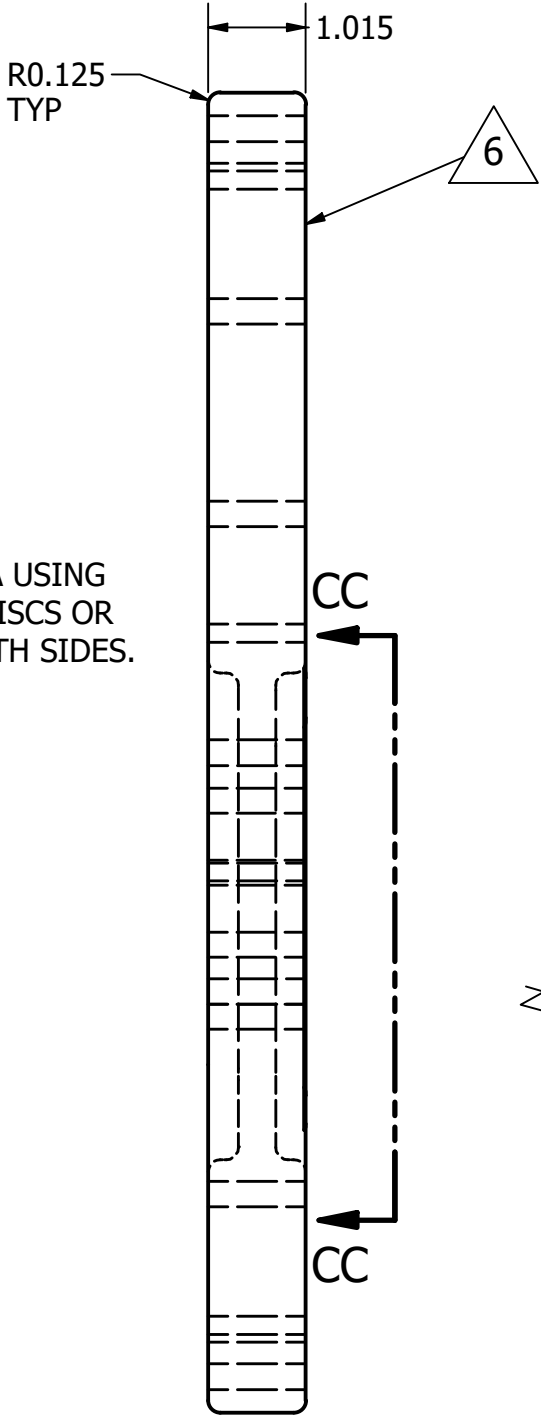
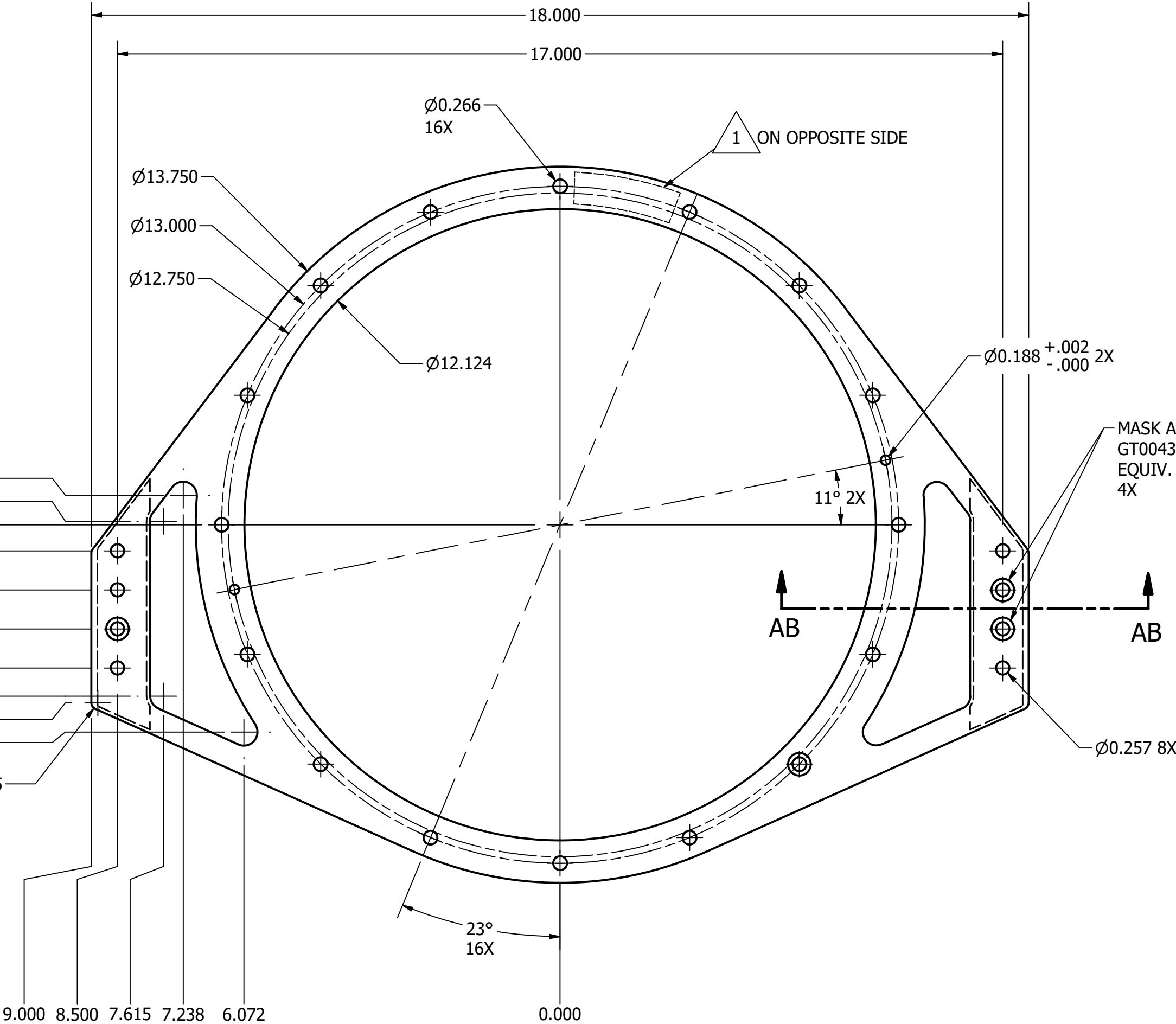
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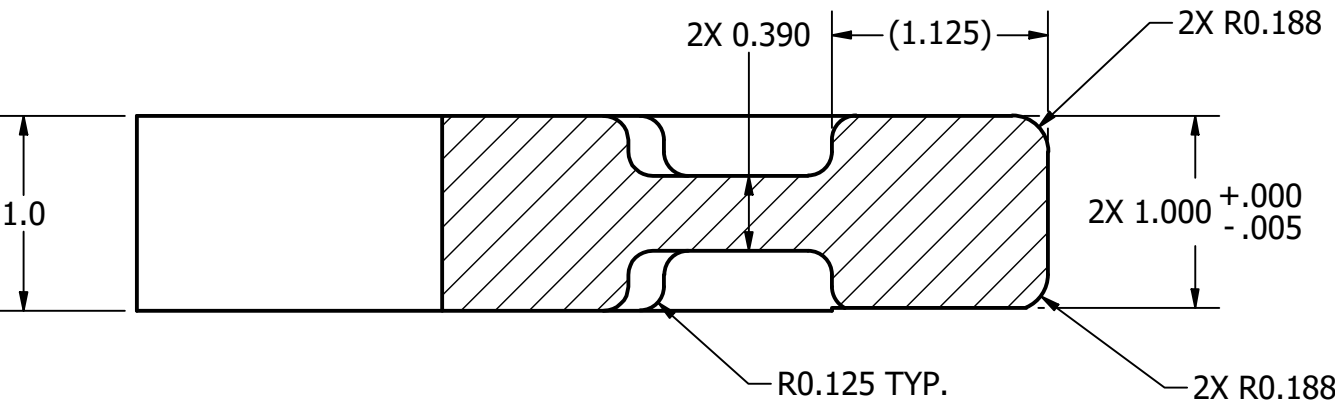
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A



VIEW CC-CC  
2 PLCS




SECTION AB-AB

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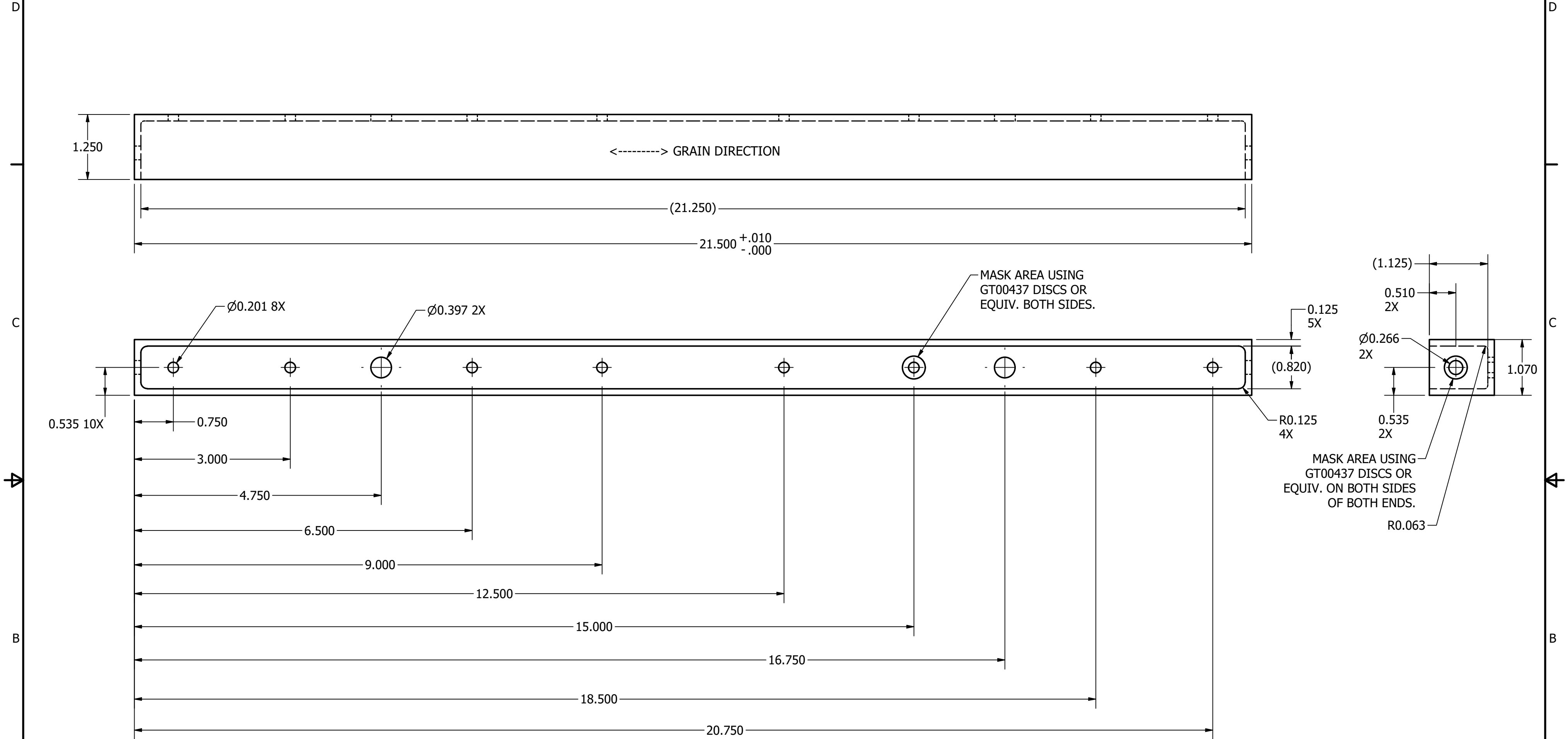
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	DRAWN BY	CHK'D BY	APRVD. BY	DATE	REV	ECO	
	KEW	LS	JT	7/18/16	<b>G</b>	<b>22 OF 54</b>	
							
	3RD ANGLE PROJECTION				© 2017 PARAVION TECH. INC. PARAVION IS A TRADEMARK OF PARAVION TECHNOLOGY INC.		

-24 AFT BEAM SUPPORT

MATERIAL: 1.500" THK. 7050-T7451 ALUMINUM PLATE PER AMS 4050  
FINISH: ANODIZE PER MIL-A-8625 TYPE II, CLASS 2  
COLOR: BLACK



BREAK ALL SHARP EDGES

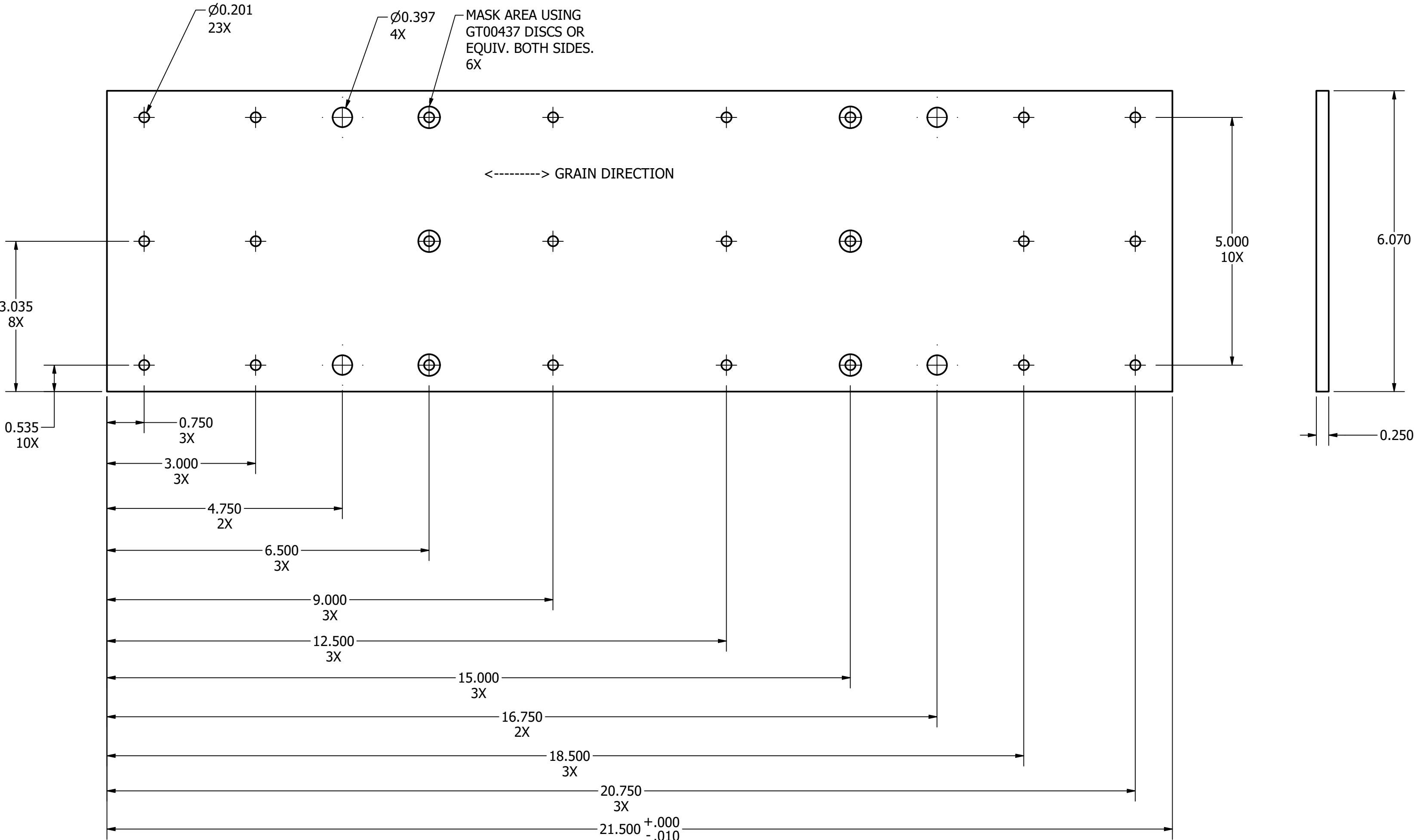
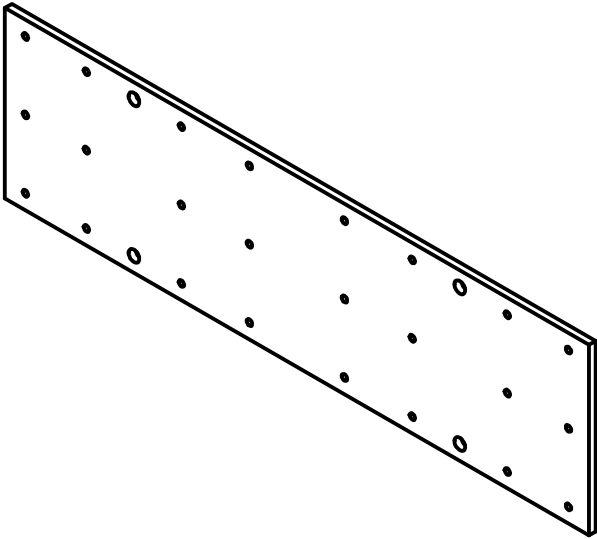
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	DRAWN BY KEW	CHK'D BY LS	APRVD. BY JT	DATE 7/18/16	REV G	ECO
	DO NOT SCALE DRAWING				SHEET 23 OF 54	
	3RD ANGLE PROJECTION				© 2017 PARAVION TECH. INC. PARAVION IS A TRADEMARK OF PARAVION TECHNOLOGY INC.	

-25 BEAM

MATERIAL: .250" THK. 7050-T7451 ALUMINUM PLATE PER AMS 4050  
FINISH: ANODIZE PER MIL-A-8625 TYPE II, CLASS 2  
COLOR: BLACK



BREAK ALL SHARP EDGES

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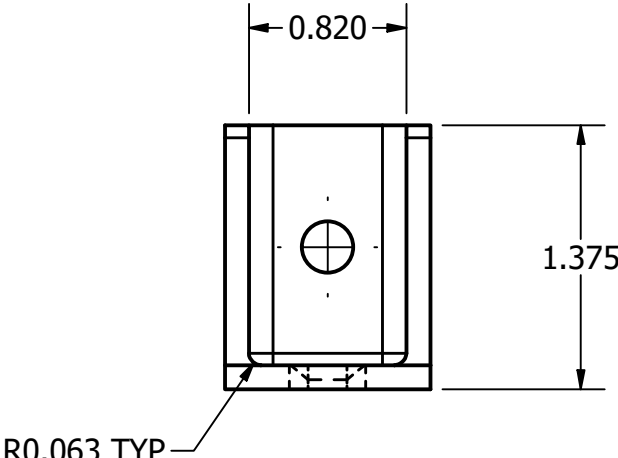
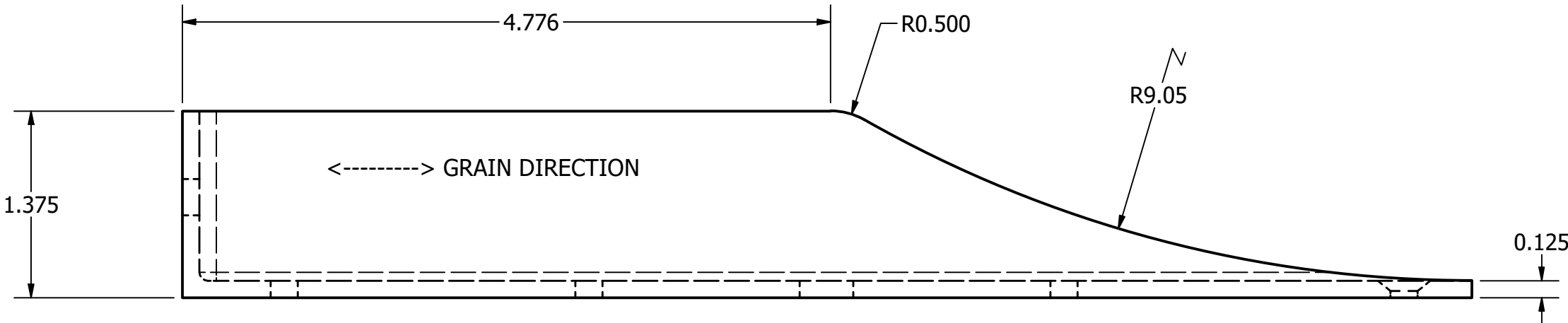
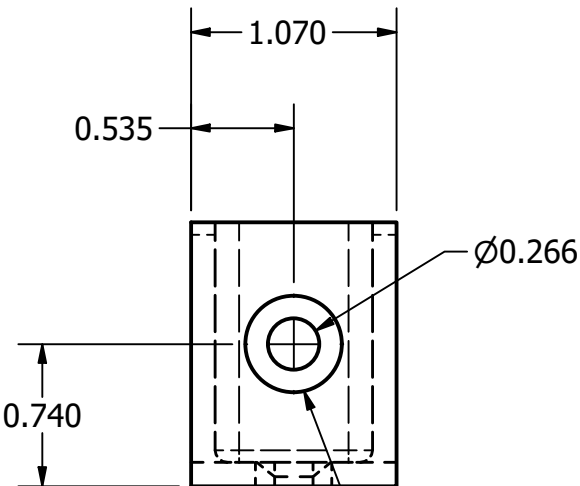
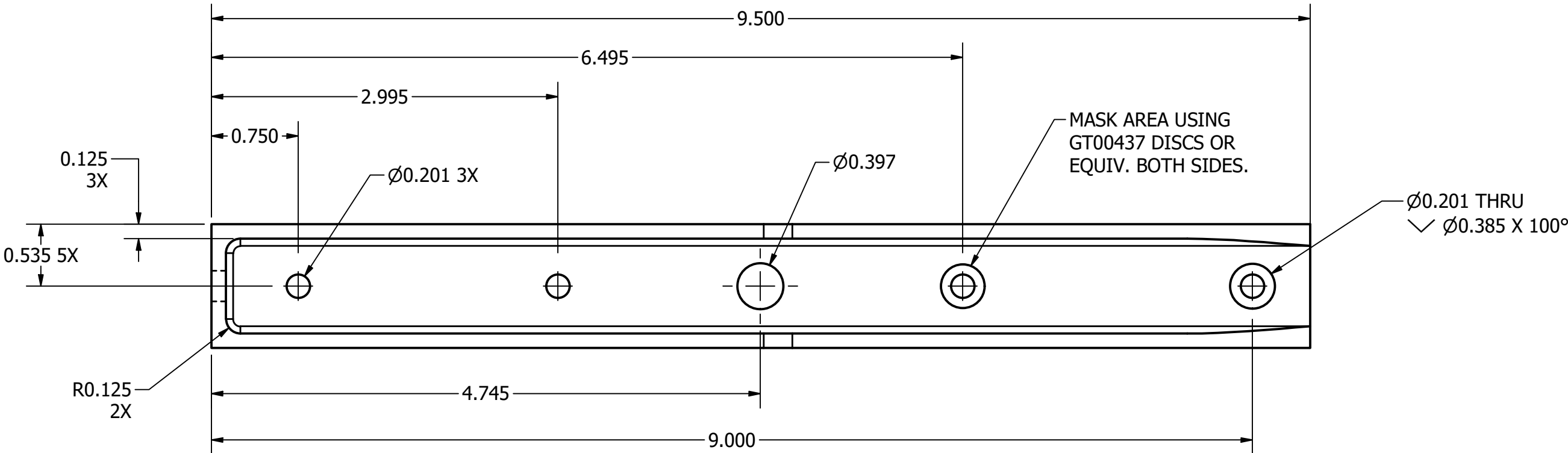
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Paravion <sup>®</sup> Technology Inc.		TITLE RETRACTABLE TURRET ASSEMBLY		DRAWING NUMBER RT-1000	
DIMENSIONS IN INCHES TOLERANCES EXCEPT WHERE NOTED: .X = ±.1 .XX = ±.05 .XXX = ±.010 ANGLES = ± 1°		DRAWN BY KEW	CHK'D BY LS	APRVD. BY JT	DATE 7/18/16
		DO NOT SCALE DRAWING			REV G
THREADS: INTERNAL: CLASS 2B EXTERNAL: CLASS 2A		3RD ANGLE PROJECTION		SHEET 24 OF 54	



-26 FWD BEAM SUPPORT

MATERIAL: 1.500" THK. 7050-T7451 ALUMINUM PLATE PER AMS 4050  
FINISH: ANODIZE PER MIL-A-8625 TYPE II, CLASS 2  
COLOR: BLACK



BREAK ALL SHARP EDGES

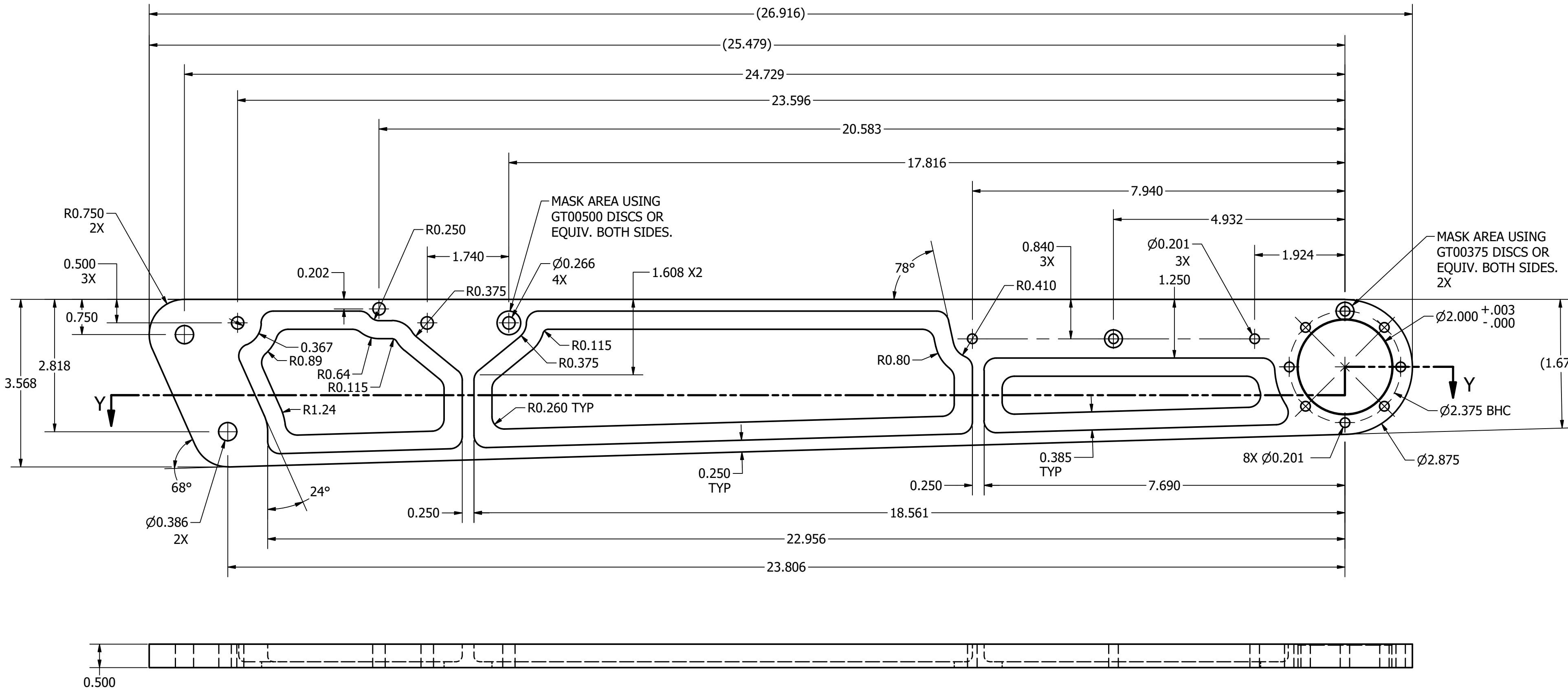
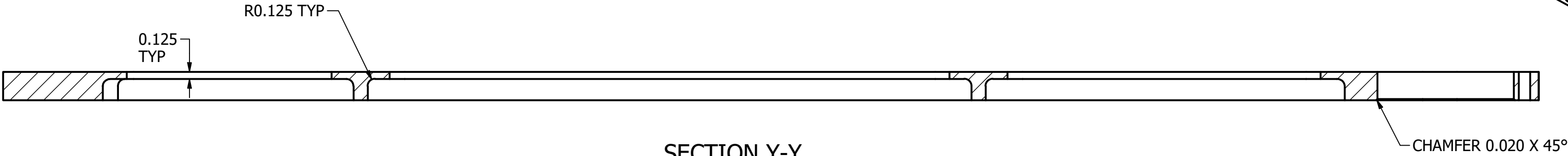
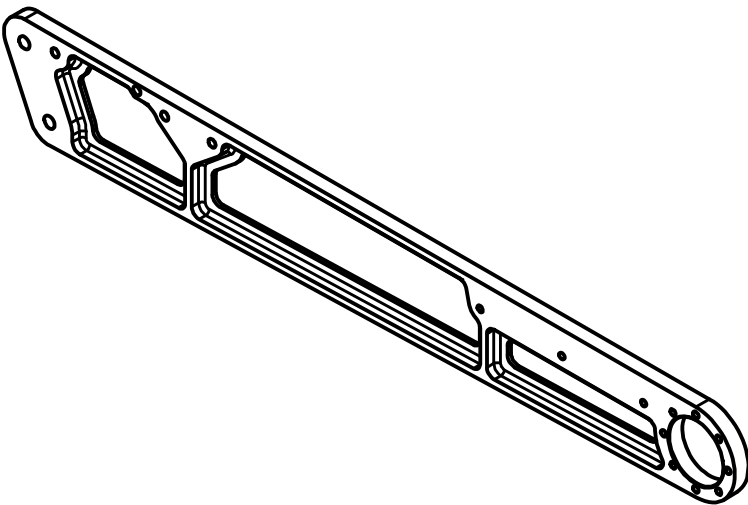
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	DRAWN BY KEW	CHK'D BY LS	APRVD. BY JT	DATE 7/18/16	REV G	ECO
	DO NOT SCALE DRAWING				SHEET 25 OF 54	
	3RD ANGLE PROJECTION				© 2017 PARAVION TECH. INC. PARAVION IS A TRADEMARK OF PARAVION TECHNOLOGY INC.	

-27 SIDE BRACE

MATERIAL: 0.500" THK. 6061-T6 ALUMINUM PLATE PER AMS-QQ-A-250/11, AMS 4027 & 4025  
FINISH: ANODIZE PER MIL-A-8625 TYPE II, CLASS 2  
COLOR: BLACK  
NOTE: DIMENSIONS APPLY AFTER ANODIZE.



BREAK ALL SHARP EDGES

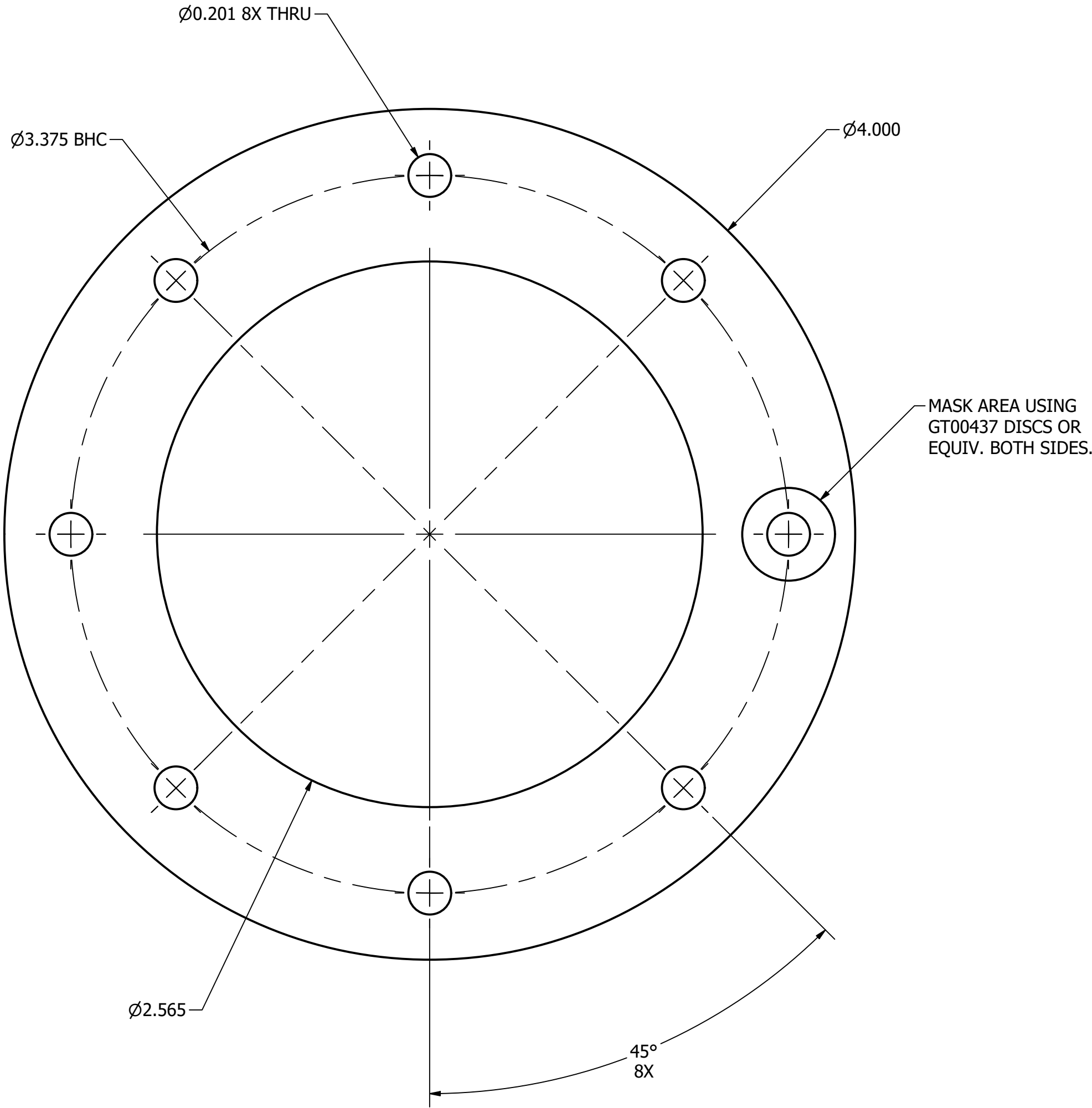
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DIMENSIONS IN INCHES TOLERANCES EXCEPT WHERE NOTED: .X = ±.1 .XX = ±.05 .XXX = ±.010 ANGLES = ± 1°		DRAWN BY KEW	CHK'D BY LS	APRVD. BY JT	DATE 7/18/16
		DO NOT SCALE DRAWING			REV G
THREADS: INTERNAL: CLASS 2B EXTERNAL: CLASS 2A		3RD ANGLE PROJECTION		© 2017 PARAVION TECH. INC. PARAVION IS A TRADEMARK OF PARAVION TECHNOLOGY INC.	
				SHEET 26 OF 54	

-28 BEARING RETAINER

MATERIAL: 0.125" THK. 6061-T6 ALUMINUM SHEET PER AMS-QQ-A-250/11, AMS 4027 & 4025  
FINISH: ANODIZE PER MIL-A-8625 TYPE II, CLASS 2  
COLOR: BLACK



BREAK ALL SHARP EDGES

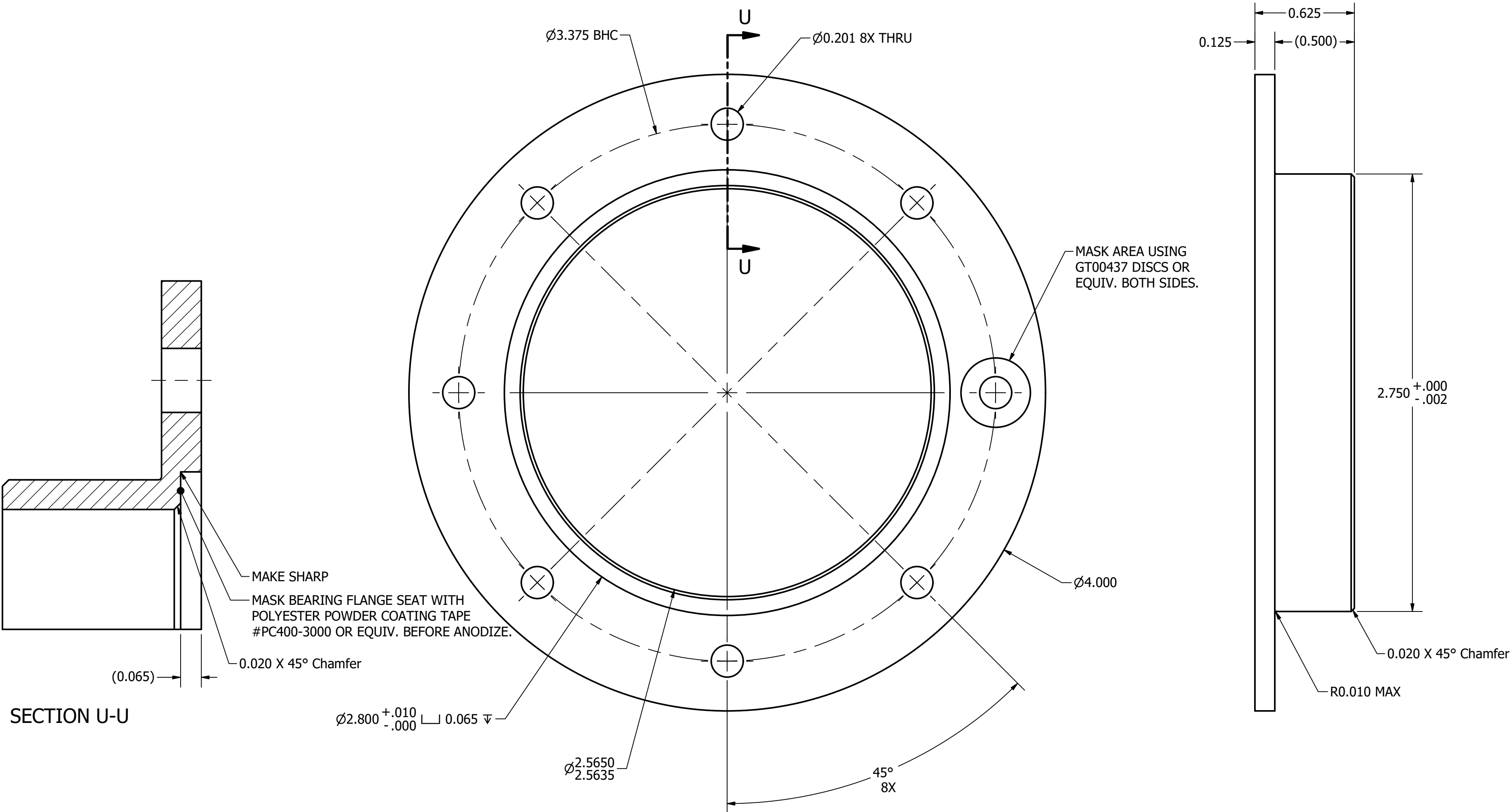
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	DRAWN BY KEW	CHK'D BY LS	APRVD. BY JT	DATE 7/18/16	REV G	ECO
	DO NOT SCALE DRAWING				SHEET 27 OF 54	
	3RD ANGLE PROJECTION					

-29 BEARING CUP

MATERIAL: 4.000" DIA. 6061-T6 ALUMINUM ROD PER AMS-QQ-A-200/8, AMS 4150, 4160, 4173  
FINISH: ANODIZE PER MIL-A-8625 TYPE II, CLASS 2  
COLOR: BLACK  
NOTE: DIMENSIONS APPLY AFTER ANODIZE.



BREAK ALL SHARP EDGES

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DIMENSIONS IN INCHES TOLERANCES EXCEPT WHERE NOTED: .X = ±.1 .XX = ±.05 .XXX = ±.010 ANGLES = ± 1°		DRAWN BY KEW	CHK'D BY LS	APRVD. BY JT	DATE 7/18/16
		DO NOT SCALE DRAWING			REV G
THREADS: INTERNAL: CLASS 2B EXTERNAL: CLASS 2A		3RD ANGLE PROJECTION		SHEET 28 OF 54	
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-32 SIDE BEARING CUP

MATERIAL: 3.000" DIA. 6061-T6 ALUMINUM ROD PER AMS-QQ-A-200/8, AMS 4150, 4160, 4173  
FINISH: ANODIZE PER MIL-A-8625 TYPE II, CLASS 2  
COLOR: BLACK  
NOTE: DIMENSIONS APPLY AFTER ANODIZE.

D

D

C

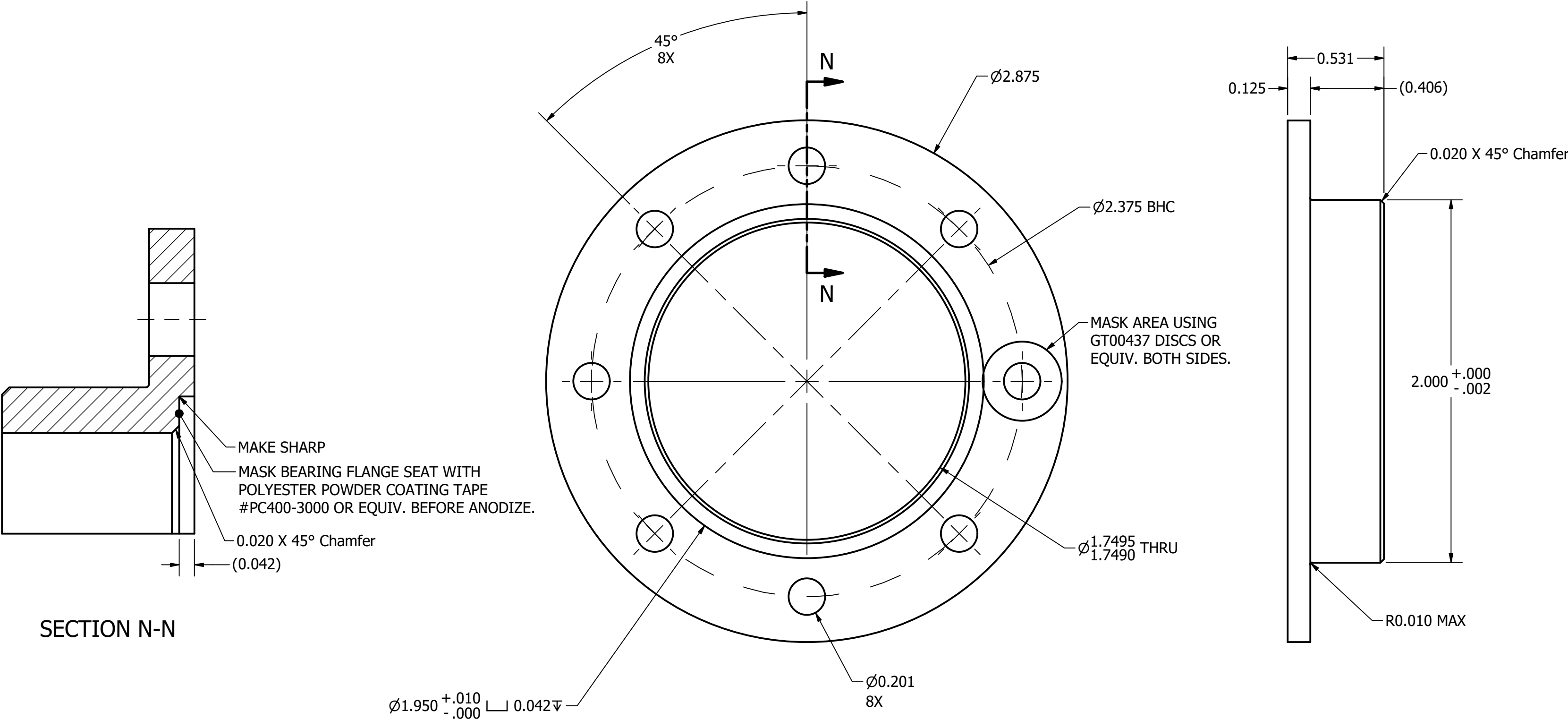
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A

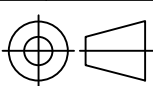


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	DRAWN BY	CHK'D BY	APRVD. BY	DATE	REV	ECO
	KEW	LS	JT	7/18/16	G	
	DO NOT SCALE DRAWING				SHEET 29 OF 54	

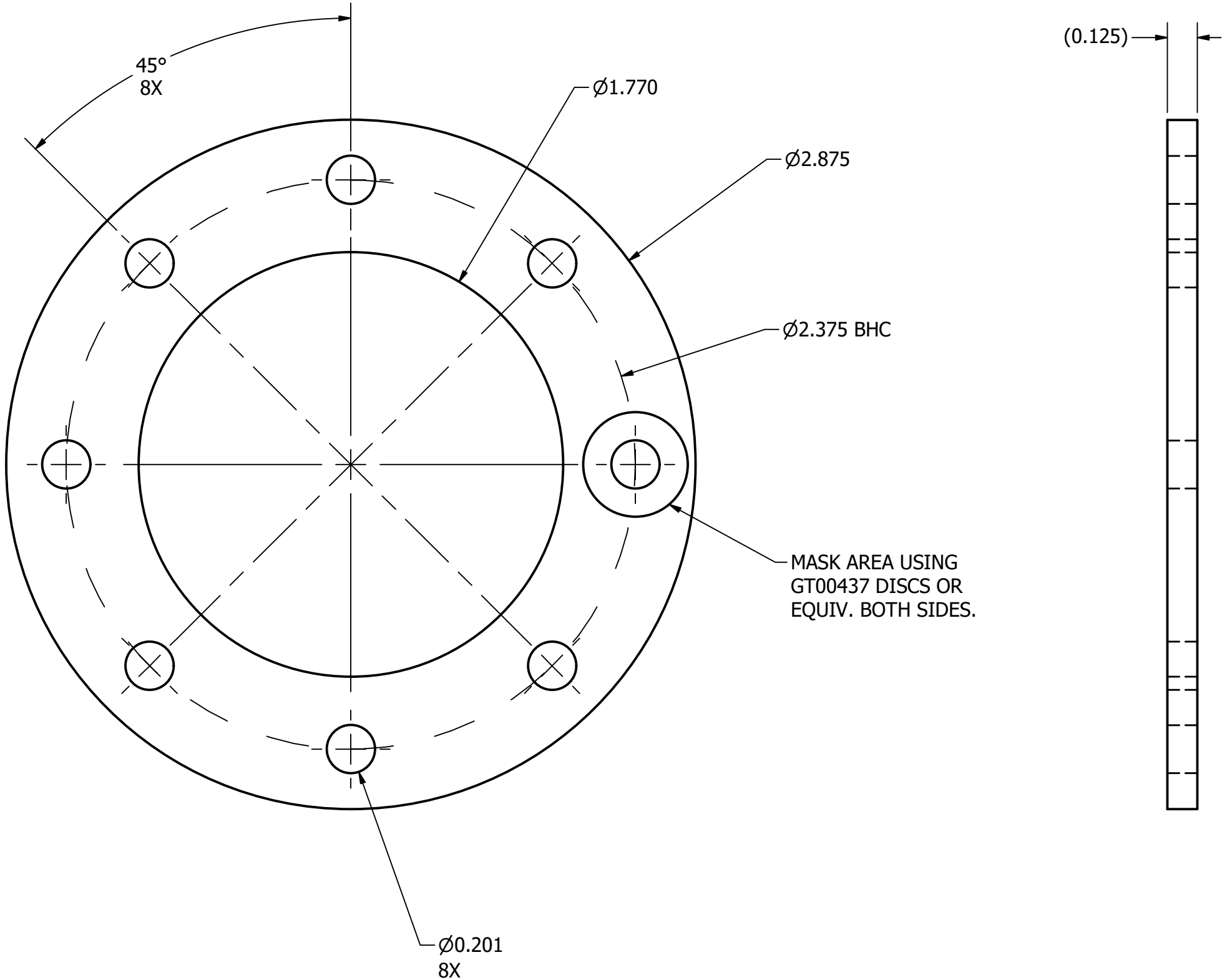


3RD ANGLE  
PROJECTION

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-33 SIDE BEARING RETAINER

MATERIAL: 0.125" THK. 6061-T6 ALUMINUM SHEET PER AMS-QQ-A-250/11, AMS4027 & 4025  
FINISH: ANODIZE PER MIL-A-8625 TYPE II, CLASS 2  
COLOR: BLACK



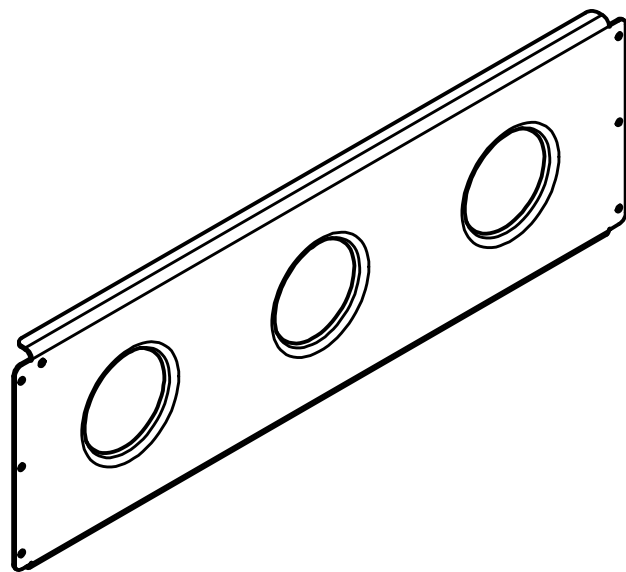
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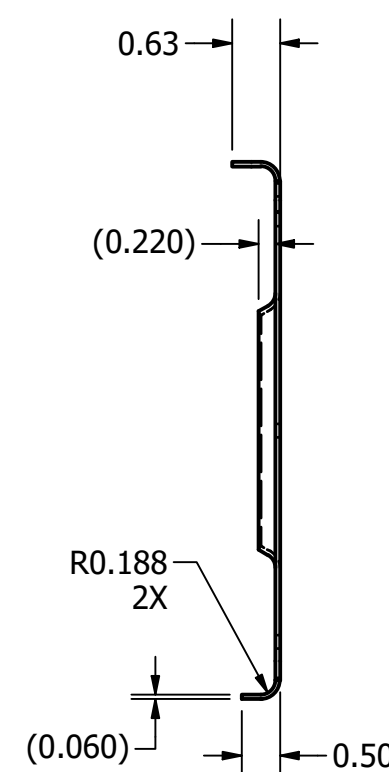
PROTO


<div>Paravion<sup>®</sup> Technology Inc.</div> <div>DIMENSIONS IN INCHES TOLERANCES EXCEPT WHERE NOTED: .X = ±.1 .XX = ±.05 .XXX = ±.010 ANGLES = ± 1°</div> <div>THREADS: INTERNAL: CLASS 2B EXTERNAL: CLASS 2A</div>	TITLE RETRACTABLE TURRET ASSEMBLY				DRAWING NUMBER RT-1000	
	DRAWN BY KEW	CHK'D BY LS	APRVD. BY JT	DATE 7/18/16	REV G	ECO
	DO NOT SCALE DRAWING				SHEET 30 OF 54	
	3RD ANGLE PROJECTION				© 2017 PARAVION TECH. INC. PARAVION IS A TRADEMARK OF PARAVION TECHNOLOGY INC.	

MATERIAL: 0.063" THK. 6061-T6 ALUMINUM SHEET PER AMS-QQ-A-250/11, AMS 4027 & 4025  
FINISH: ANODIZE PER MIL-A-8625 TYPE II, CLASS 2  
COLOR: BLACK



3X LIGHTENING HOLE PUNCH OUTS — MASK AREA USING  
GT00437 DISCS OR  
EQUIV. BOTH SIDES.  
3X




<div>Paravion<sup>®</sup> Technology Inc.</div>		TITLE RETRACTABLE TURRET ASSEMBLY			DRAWING NUMBER RT-1000		
DIMENSIONS IN INCHES TOLERANCES EXCEPT WHERE NOTED: .X = ±.1 .XX = ±.05 .XXX = ±.010 ANGLES = ± 1°		DRAWN BY	CHK'D BY	APRVD. BY	DATE	REV	ECO
		KEW	LS	JT	7/18/16	G	
0	 3RD ANGLE PROJECTION	DO NOT SCALE DRAWING				SHEET	
THREADS: INTERNAL CLASS 2B EXTERNAL CLASS 2A		© 2017 PARAVION TECH. INC. PARAVION IS A TRADEMARK OF PARAVION TECHNOLOGY INC.				31 OF 54	

## BREAK ALL SHARP EDGES

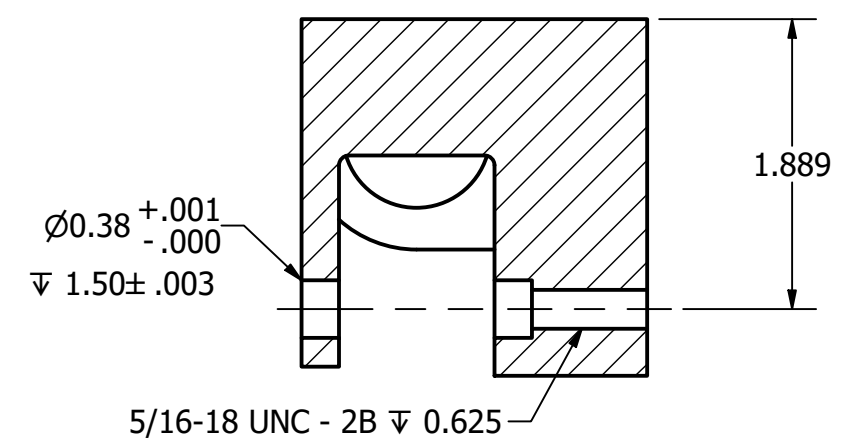
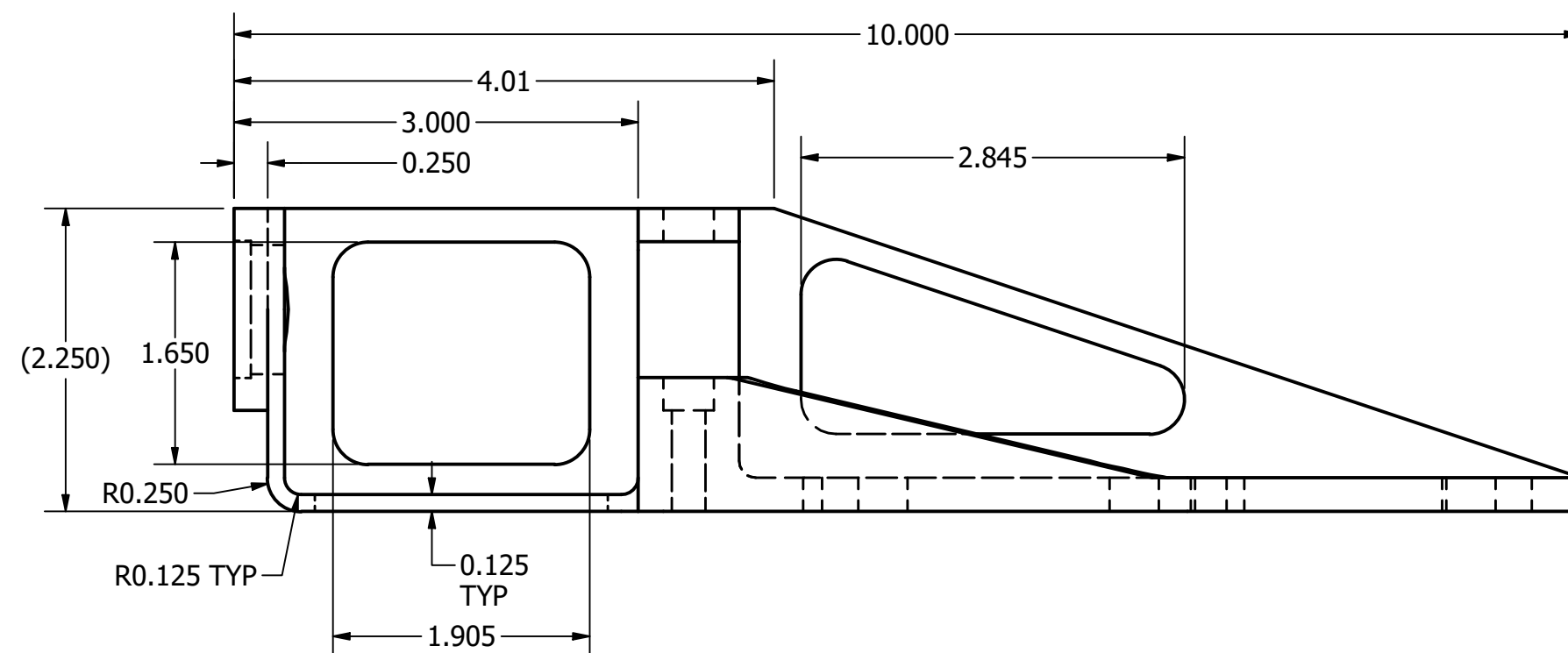
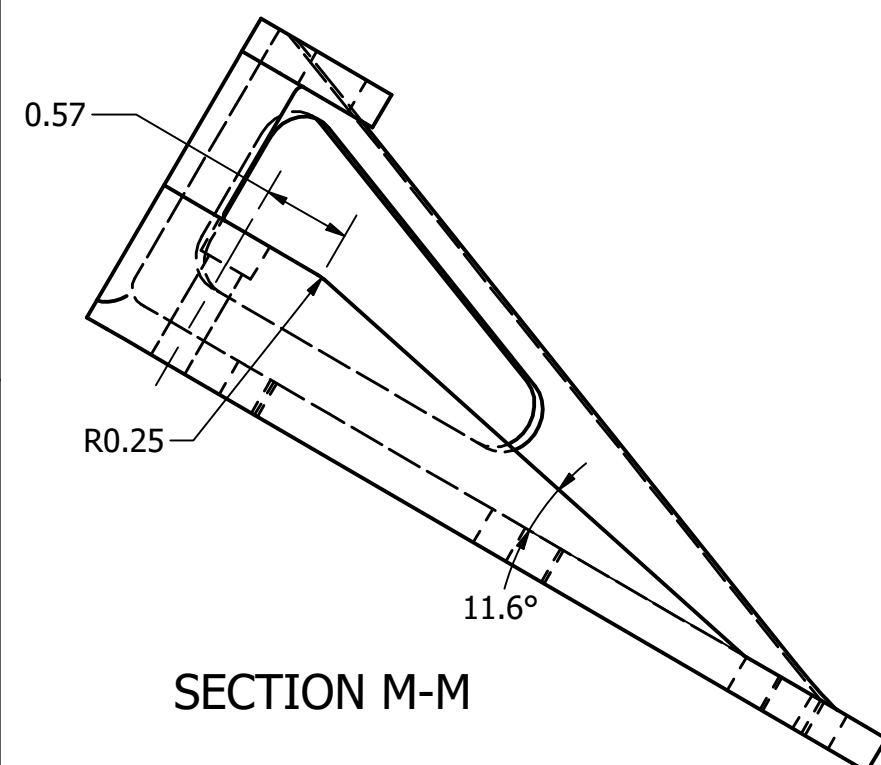
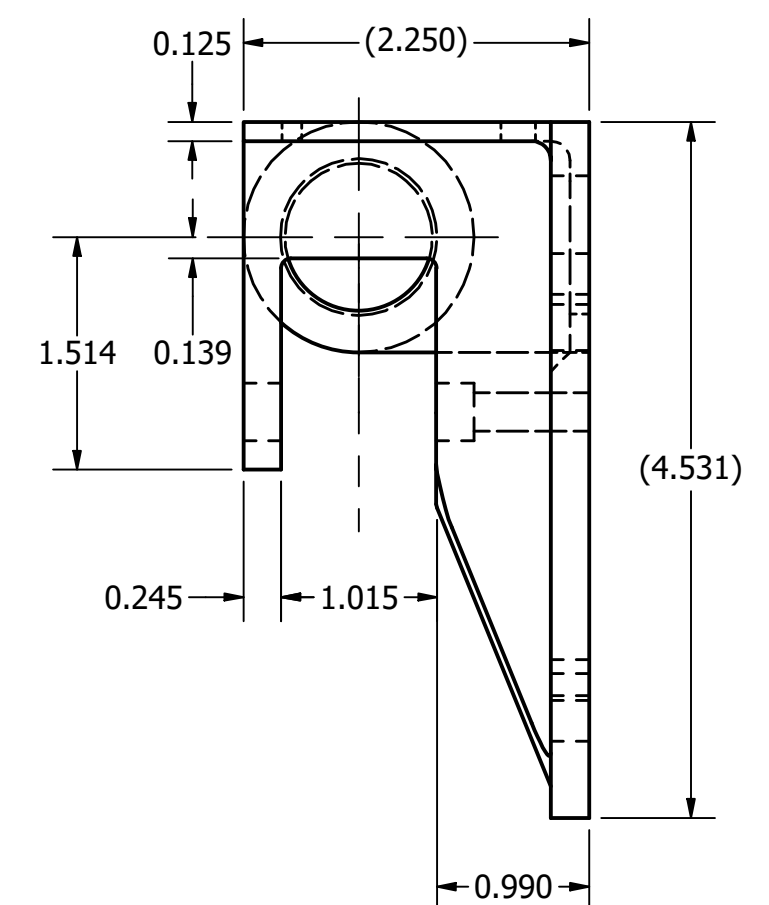
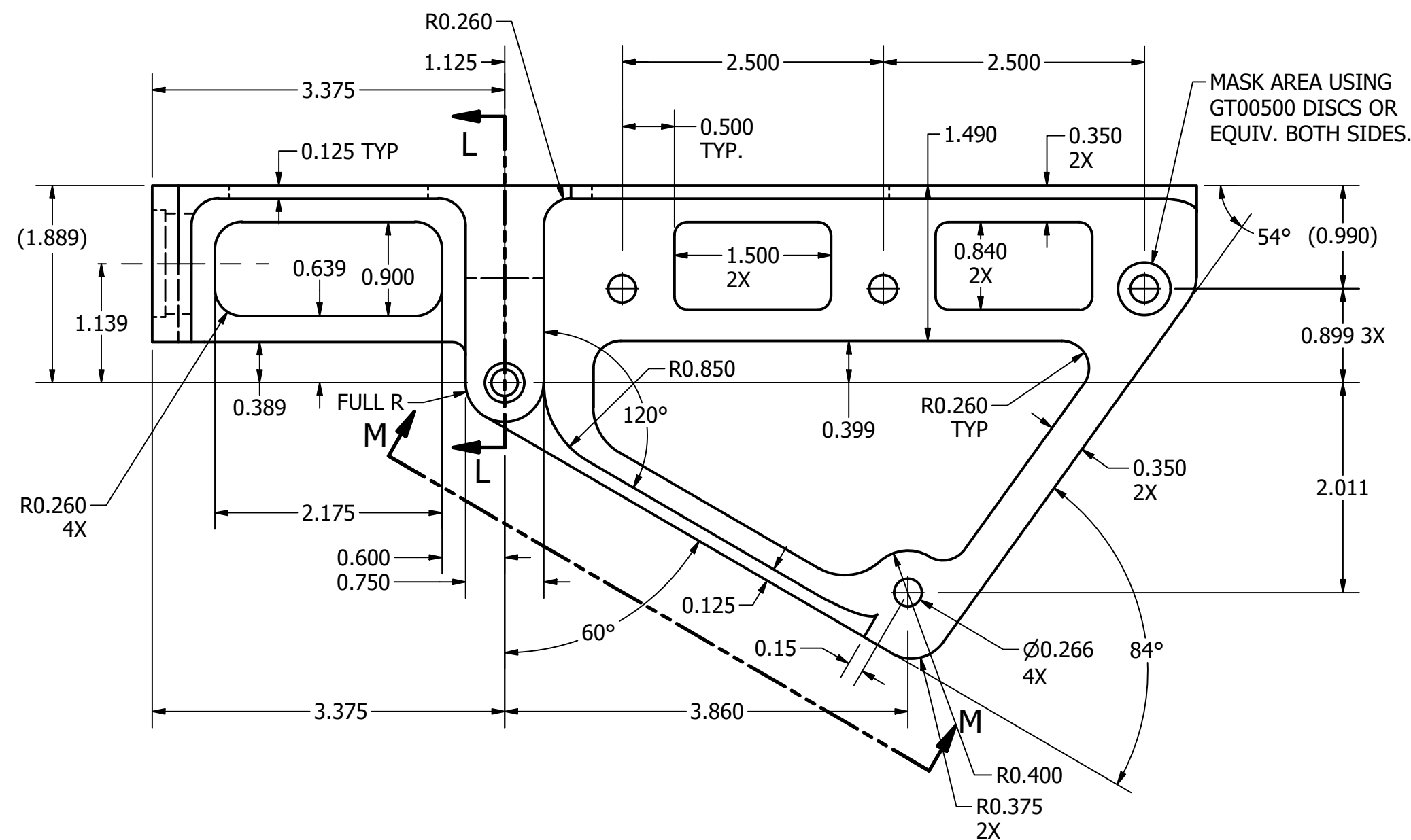
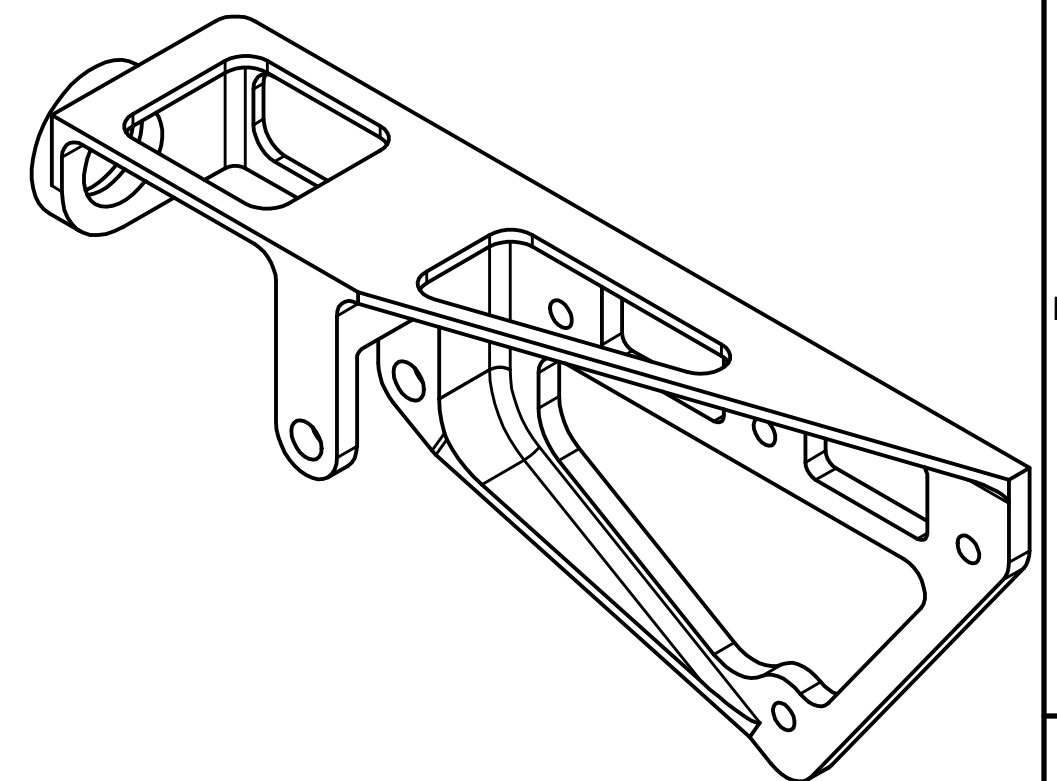
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PROTO
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3RD ANGLE  
PROJECTION

MATERIAL: 3.000" X 5.000" 6061-T6 ALUMINUM BAR PER AMS-QQ-A-200/8, AMS 4150, 4160, 4173  
FINISH: ANODIZE PER MIL-A-8625 TYPE II, CLASS 2  
COLOR: BLACK  
NOTE: DIMENSIONS APPLY AFTER ANODIZE.

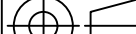


SECTION L-L

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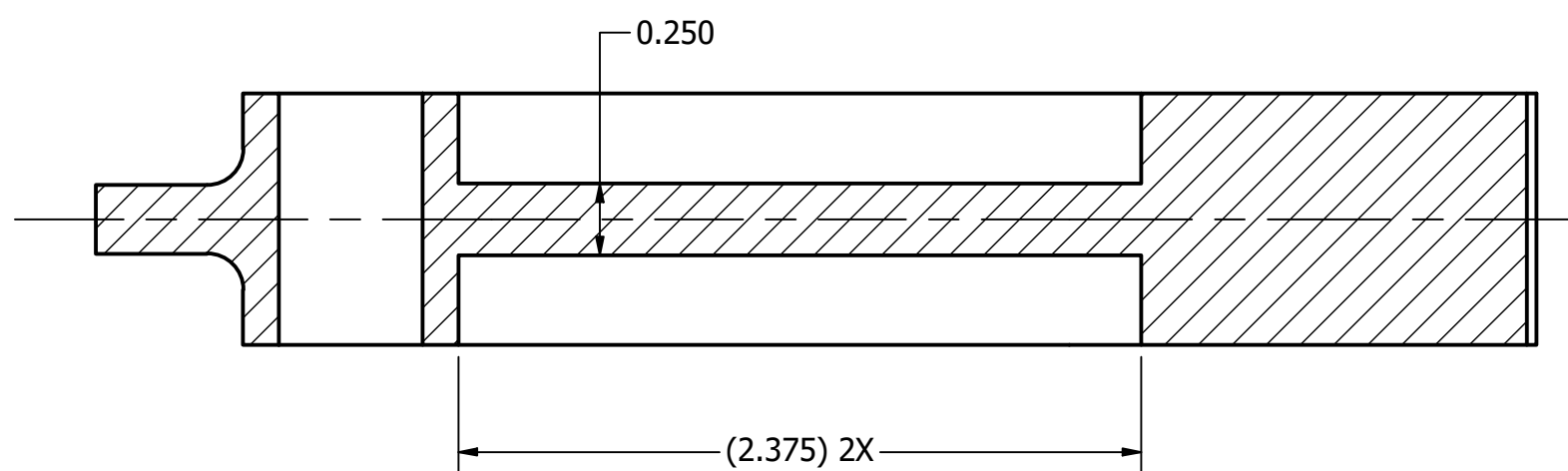
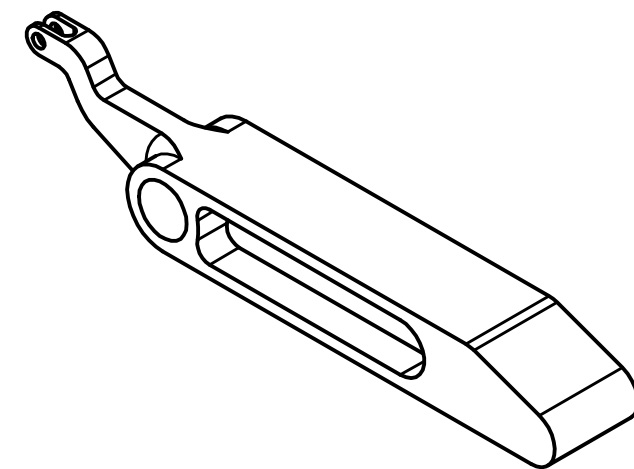
	PROTC
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Paravion® Technology Inc.		TITLE <b>RETRACTABLE          TURRET ASSEMBLY</b>			DRAWING NUMBER <b>RT-1000</b>		
DIMENSIONS IN INCHES TOLERANCES EXCEPT WHERE NOTED: .X = ± .1 .XX = ± .05 .XXX = ± .010 ANGLES = ± 1°		DRAWN BY <b>KEW</b>	CHK'D BY <b>LS</b>	APRVD. BY <b>JT</b>	DATE <b>7/18/16</b>	REV <b>G</b>	ECO
THREADS: INTERNAL CLASS 2B EXTERNAL CLASS 2A		DO NOT SCALE DRAWING			SHEET <b>32 OF 54</b>		
 3RD ANGLE PROJECTION		© 2017 PARAVION TECH. INC. PARAVION IS A TRADEMARK OF PARAVION TECHNOLOGY, INC.					

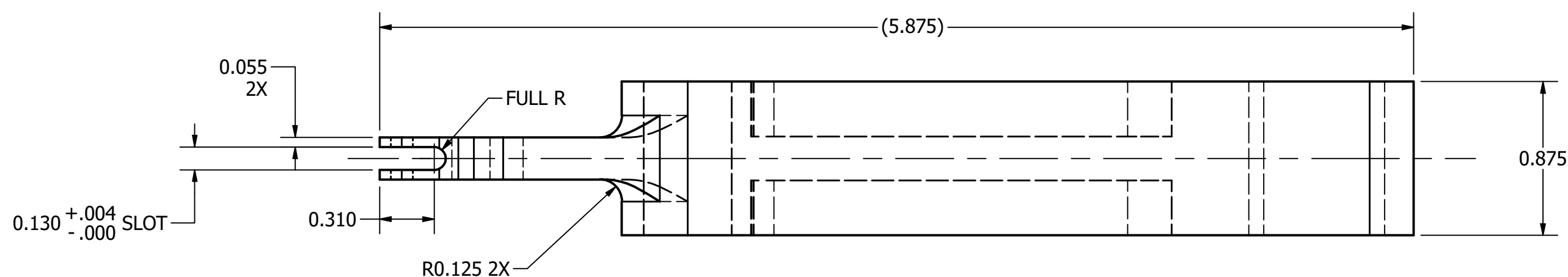
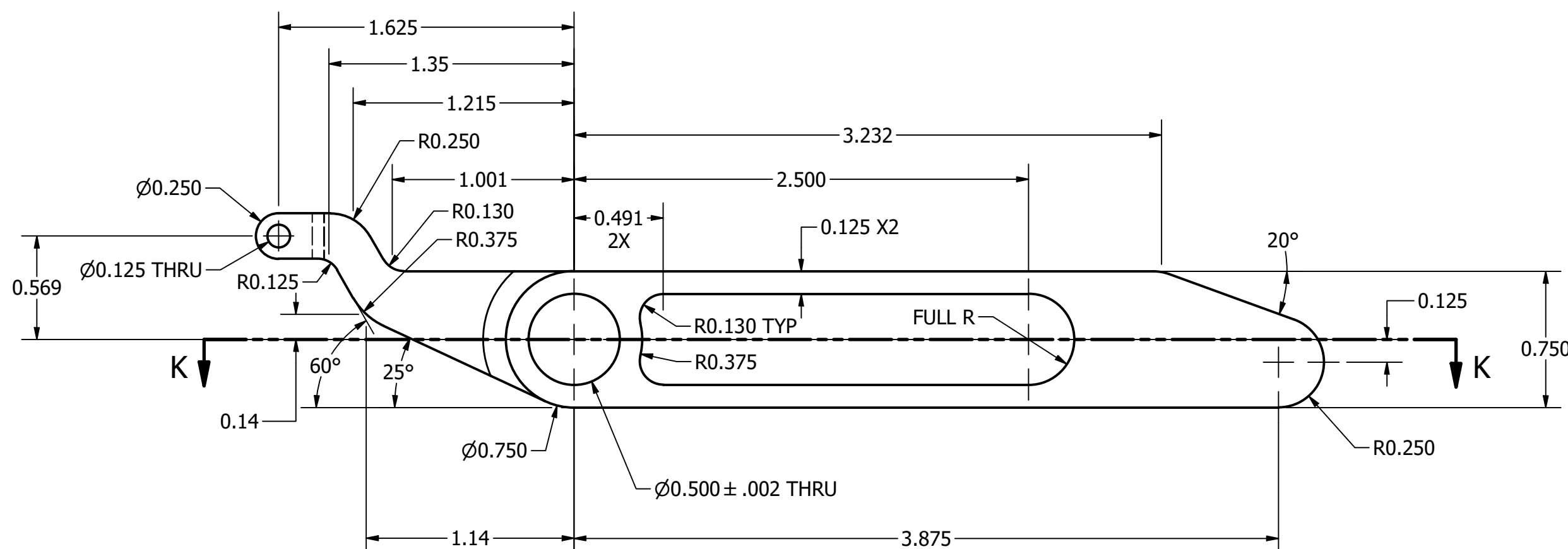
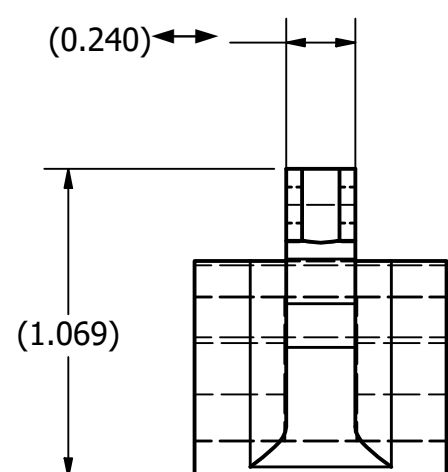
A



MATERIAL: 1.000" X 1.500" 6061-T6 ALUMINUM BAR PER AMS-QQ-A-200/8, AMS 4150, 4160, 4173  
FINISH: ANODIZE PER MIL-A-8625 TYPE II, CLASS 2  
COLOR: BLACK  
NOTE: DIMENSIONS APPLY AFTER ANODIZE.



SECTION K-K



### BREAK ALL SHARP EDGES

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PROTO
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Paravion<sup>®</sup>  
Technology Inc

DIMENSIONS IN INCHES  
TOLERANCES EXCEPT  
WHERE NOTED:

.X =  $\pm .1$   
 .XX =  $\pm .05$   
 .XXX =  $\pm .010$   
 ANGLES =  $\pm 1^\circ$

THREADS:  
INTERNAL: CLASS 2B  
EXTERNAL: CLASS 2A



3RD ANGLE  
PROJECTION

TITLE  
RETRACTABLE  
TURRET ASSEMBLY

DRAWN BY	CHK'D BY	APRVD. BY	DATE
KEW	LS	JT	7/18/16

DO NOT SCALE DRAWING

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DRAWING NUMBER

RT-1000

REV	ECO
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G

SHEET

33 OF 54

## D

C



**A**

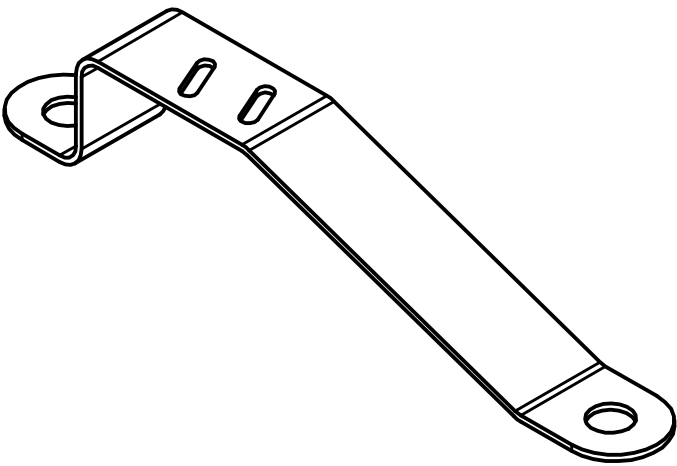
PROTO

A

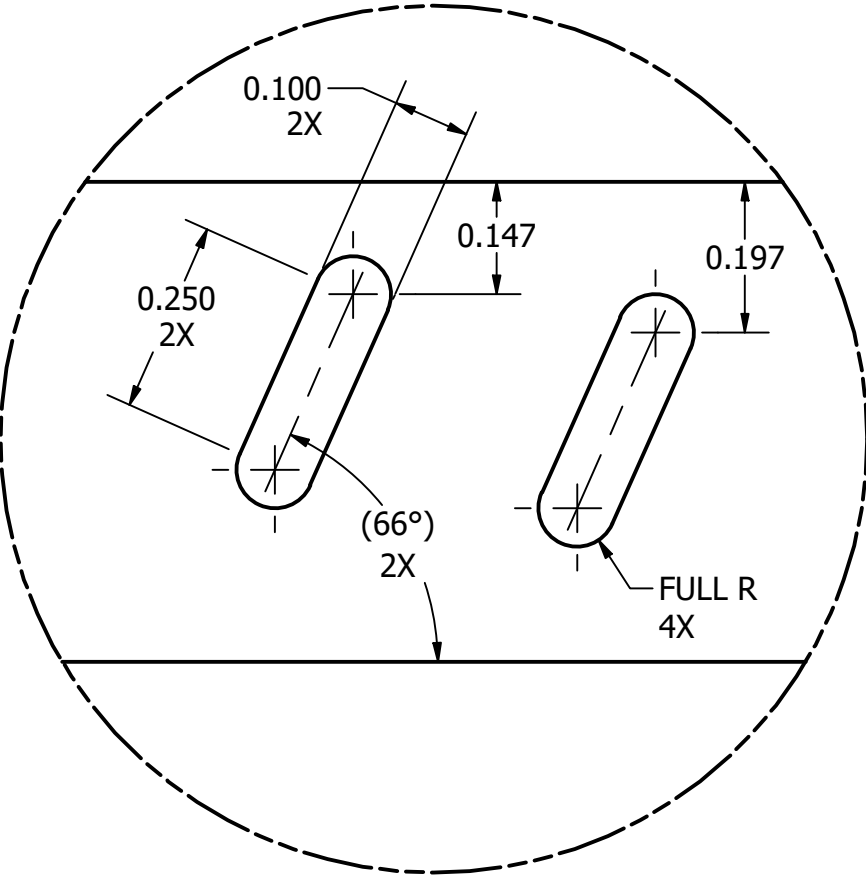
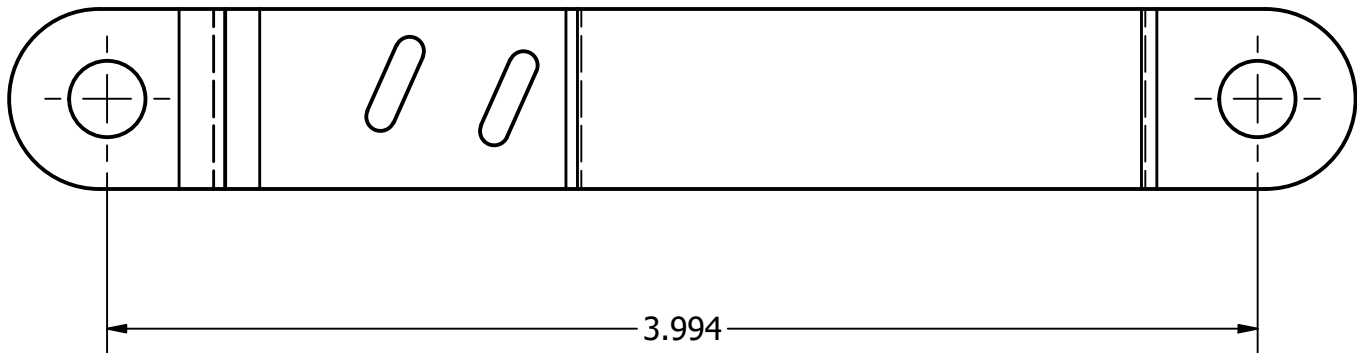
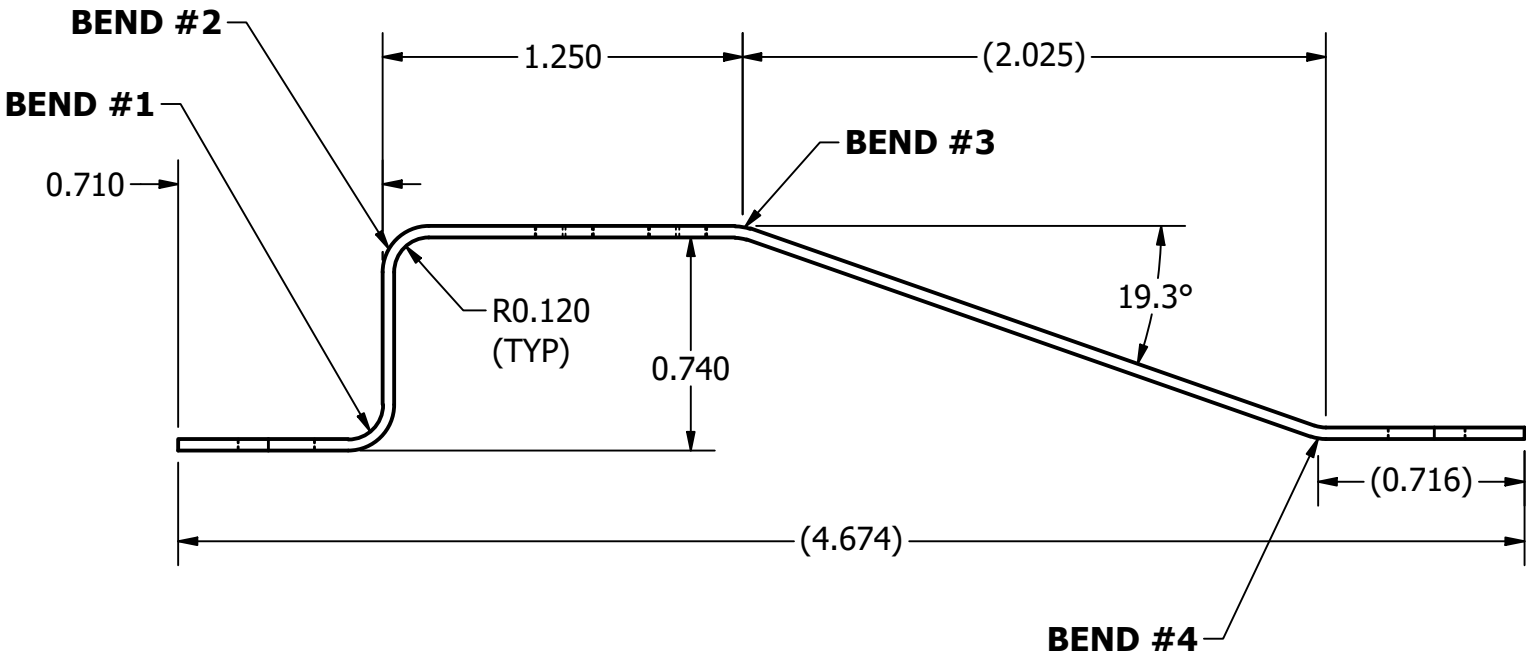
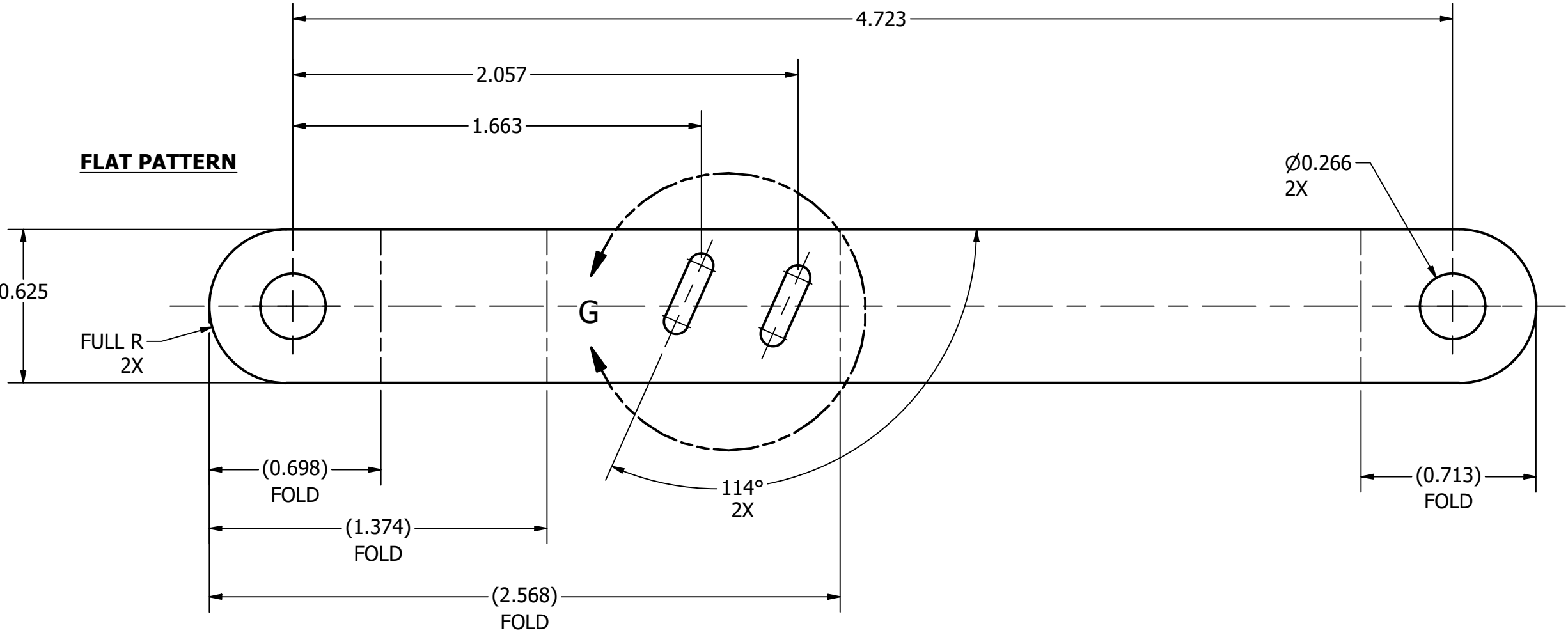
34 OF 54

-39 SWITCH BRACKET

MATERIAL: 0.040" THK. 304 STAINLESS STEEL SHEET PER AMS 5513, ASTM A 167, ASTM A 240  
FINISH: NONE



BEND CHART				
	BEND #1	BEND #2	BEND #3	BEND #4
PUNCH	#9	#9	#9	#9
DIE	#7	#7	#7	#7
ANGLE	82	82	160.7	162.7
DIMENSION	.698	.731	1.980	.713



DETAIL G

BREAK ALL SHARP EDGES

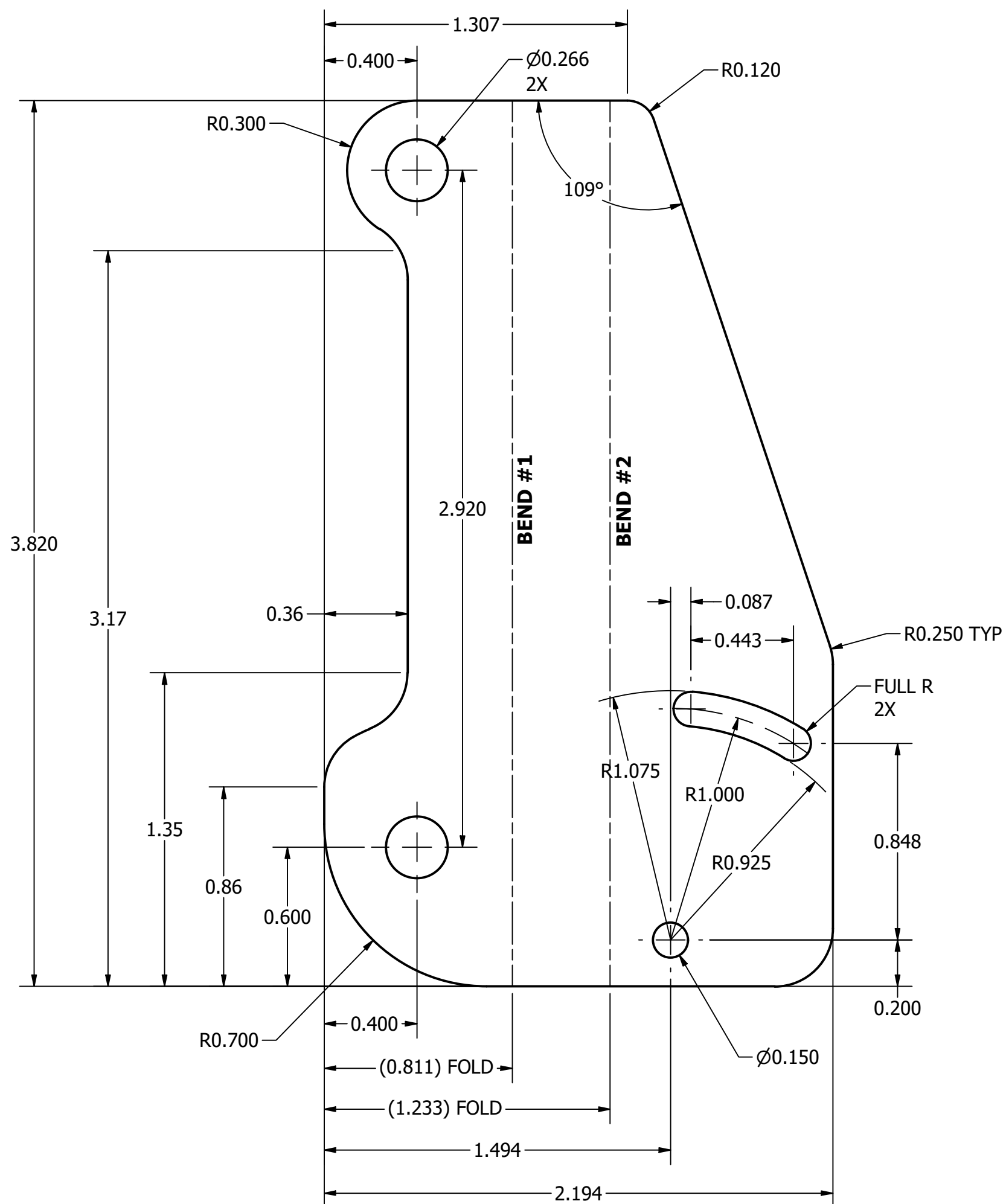
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Paravion <sup>®</sup> Technology Inc.		TITLE RETRACTABLE TURRET ASSEMBLY		DRAWING NUMBER RT-1000	
DIMENSIONS IN INCHES TOLERANCES EXCEPT WHERE NOTED: .X = ±.1 .XX = ±.05 .XXX = ±.010 ANGLES = ± 1°		DRAWN BY KEW	CHK'D BY LS	APRVD. BY JT	DATE 7/18/16
		DO NOT SCALE DRAWING			REV G
THREADS: INTERNAL CLASS 2B EXTERNAL CLASS 2A		3RD ANGLE PROJECTION		SHEET 35 OF 54	

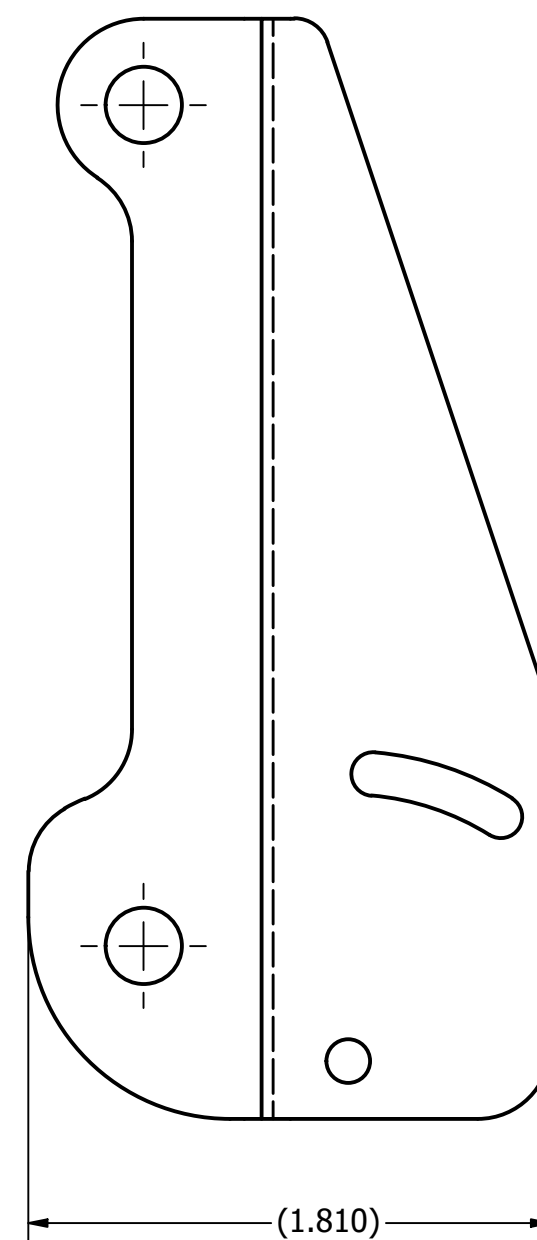
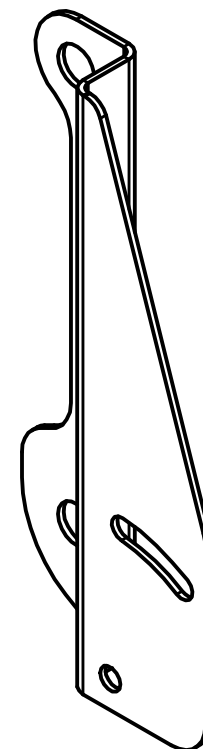
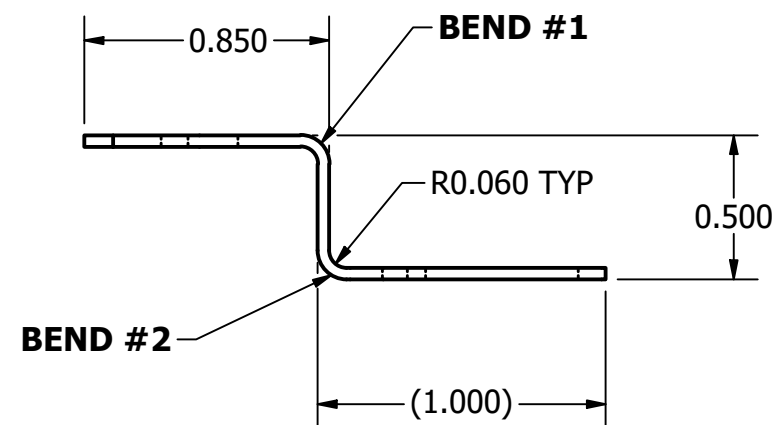
MATERIAL: 0.040" THK. 304 STAINLESS STEEL SHEET PER AMS 5513, ASTM A 167, ASTM A 240  
FINISH: NONE

## FLAT PATTERN




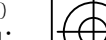
BEND CHART		
	BEND #1	BEND #2
PUNCH	#6	#6
DIE	#7	#7
ANGLE	97	97
DIMENSION	.816	.465

**BREAK ALL SHARP EDGES**



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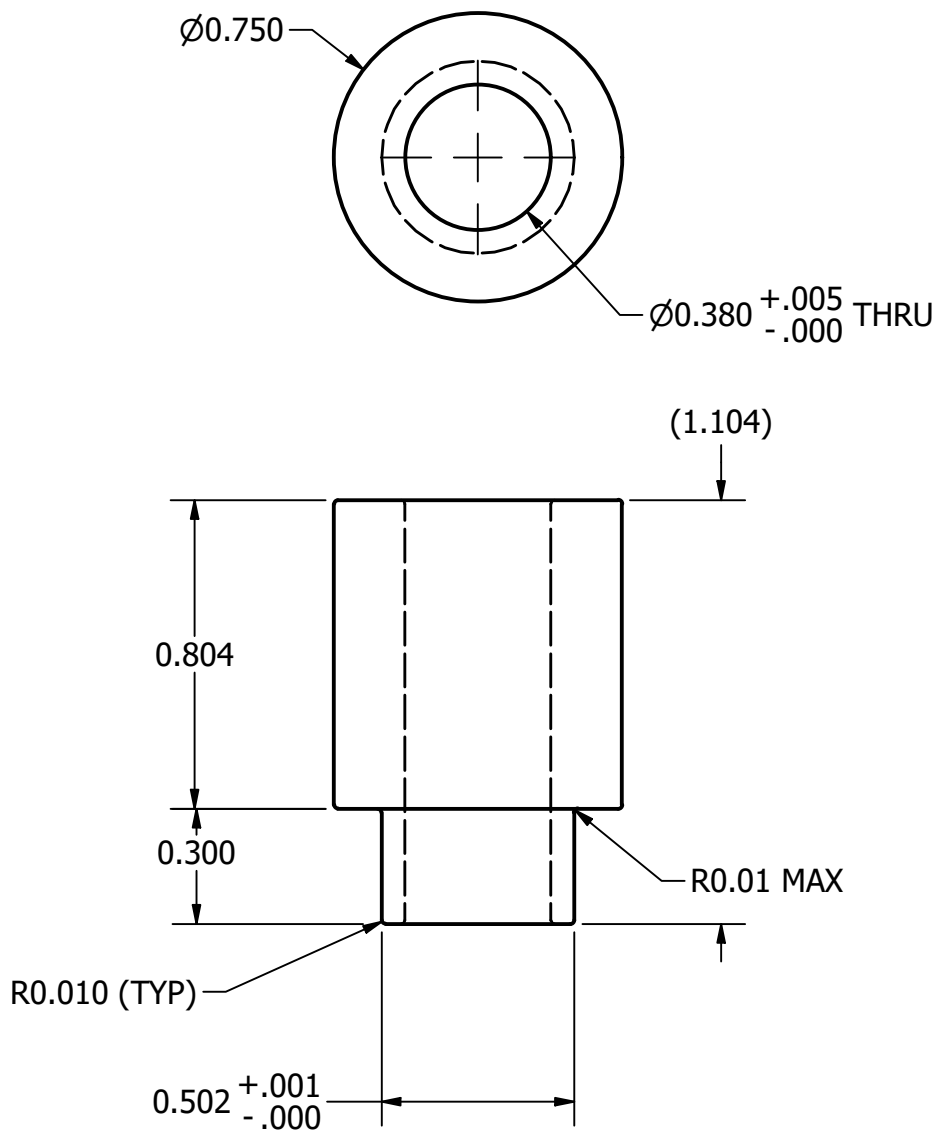
PROTO
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 Inc.	TITLE <b>RETRACTABLE TURRET ASSEMBLY</b>				DRAWING NUMBER <b>RT-1000</b>	
DIMENSIONS IN INCHES TOLERANCES EXCEPT WHERE NOTED:	DRAWN BY <b>KEW</b>	CHK'D BY <b>LS</b>	APRVD. BY <b>JT</b>	DATE <b>7/18/16</b>	REV <b>G</b>	ECO
.X = ± .1 .XX = ± .05 .XXX = ± .010 ANGLES=± 1°					SHEET	
THREADS: INTERNAL CLASS 2B EXTERNAL CLASS 2A	DO NOT SCALE DRAWING © 2017 PARAVION TECH. INC. PARAVION IS A TRADEMARK OF PARAVION TECHNOLOGY INC.				36 OF 54	



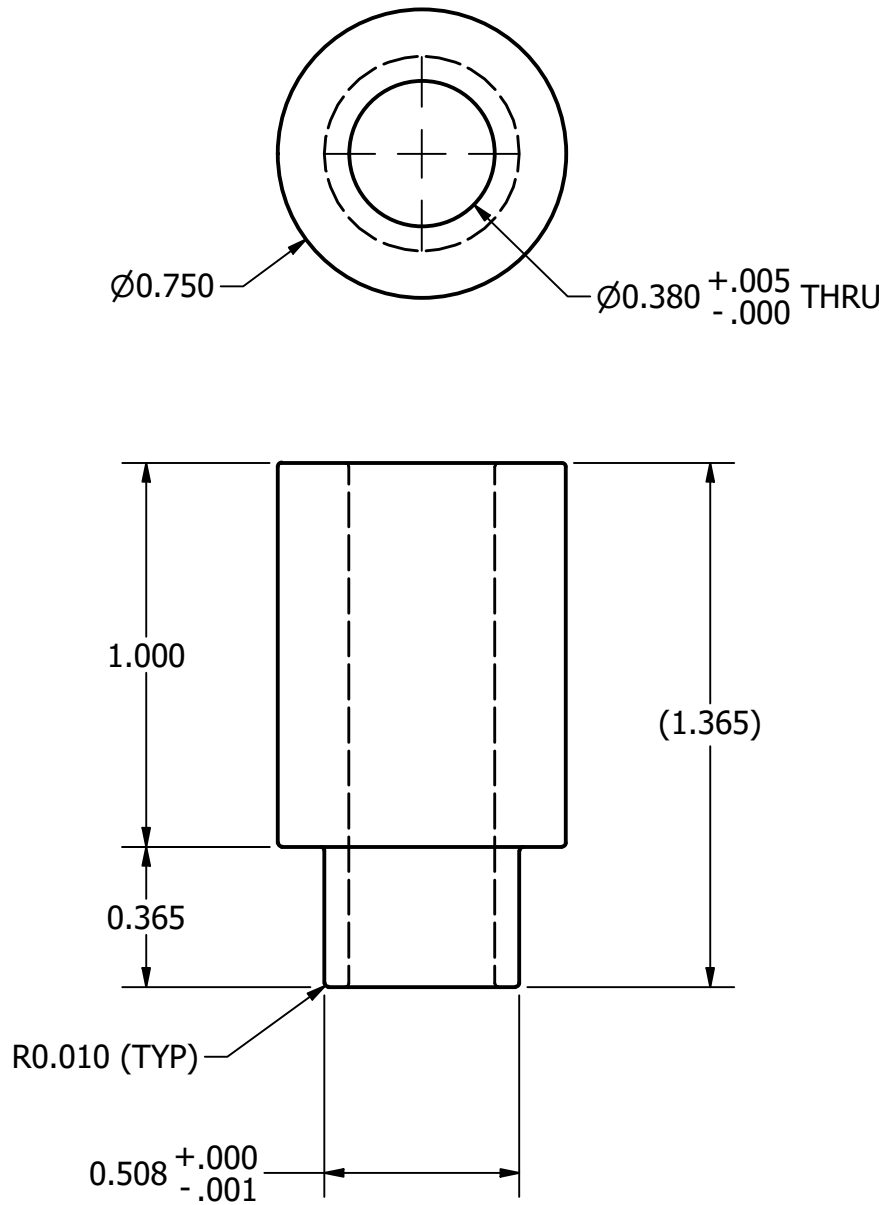
-41 BUSHING

MATERIAL: 0.750" DIA. 304 STAINLESS STEEL BAR PER AMS 5639,  
ASTM A 276, ASTM A 479  
FINISH: NONE



-44 BUSHING

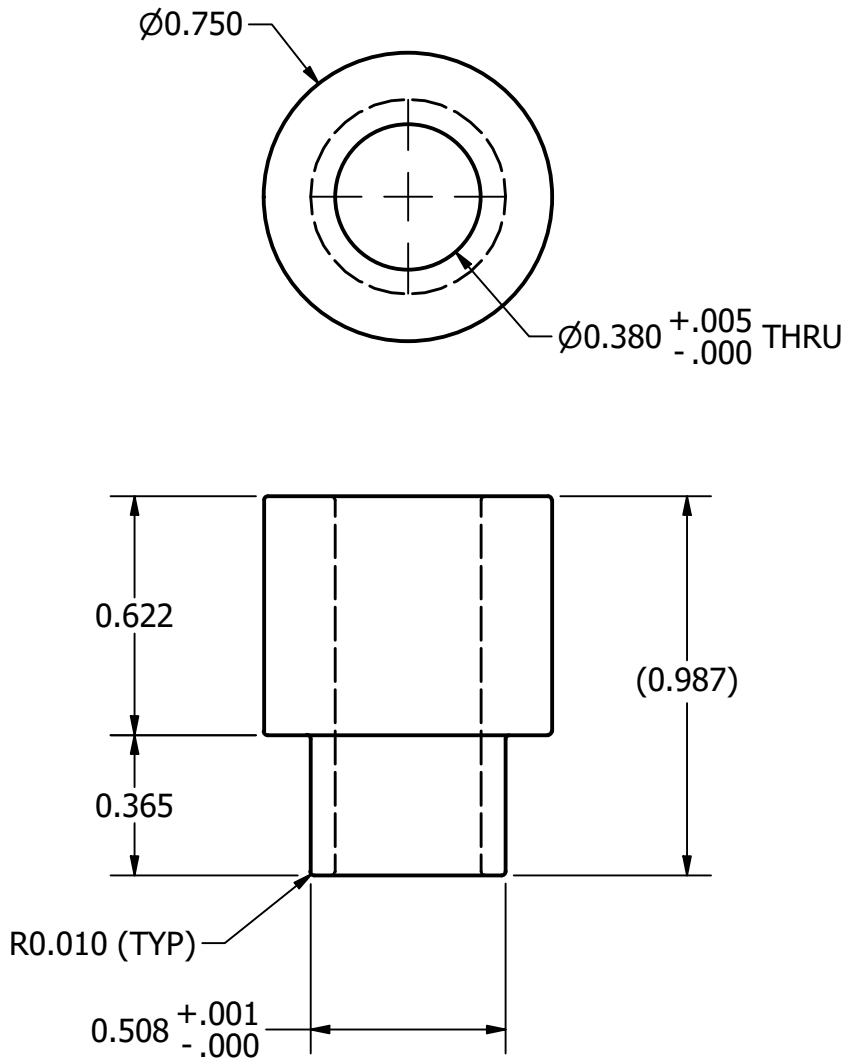
MATERIAL: 0.750" DIA. 304 STAINLESS STEEL BAR PER AMS 5639,  
ASTM A 276, ASTM A 479  
FINISH: NONE



BREAK ALL SHARP EDGES

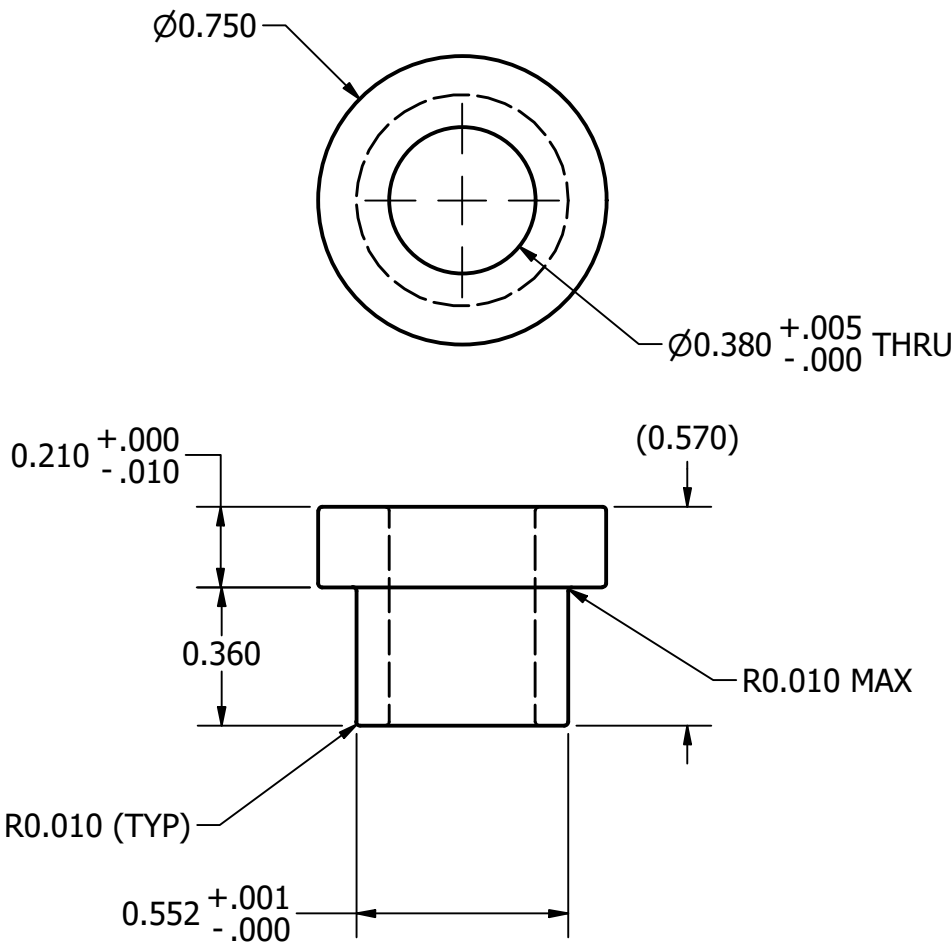
-42 BUSHING

MATERIAL: 0.750" DIA. 304 STAINLESS STEEL BAR PER AMS 5639,  
ASTM A 276, ASTM A 479  
FINISH: NONE



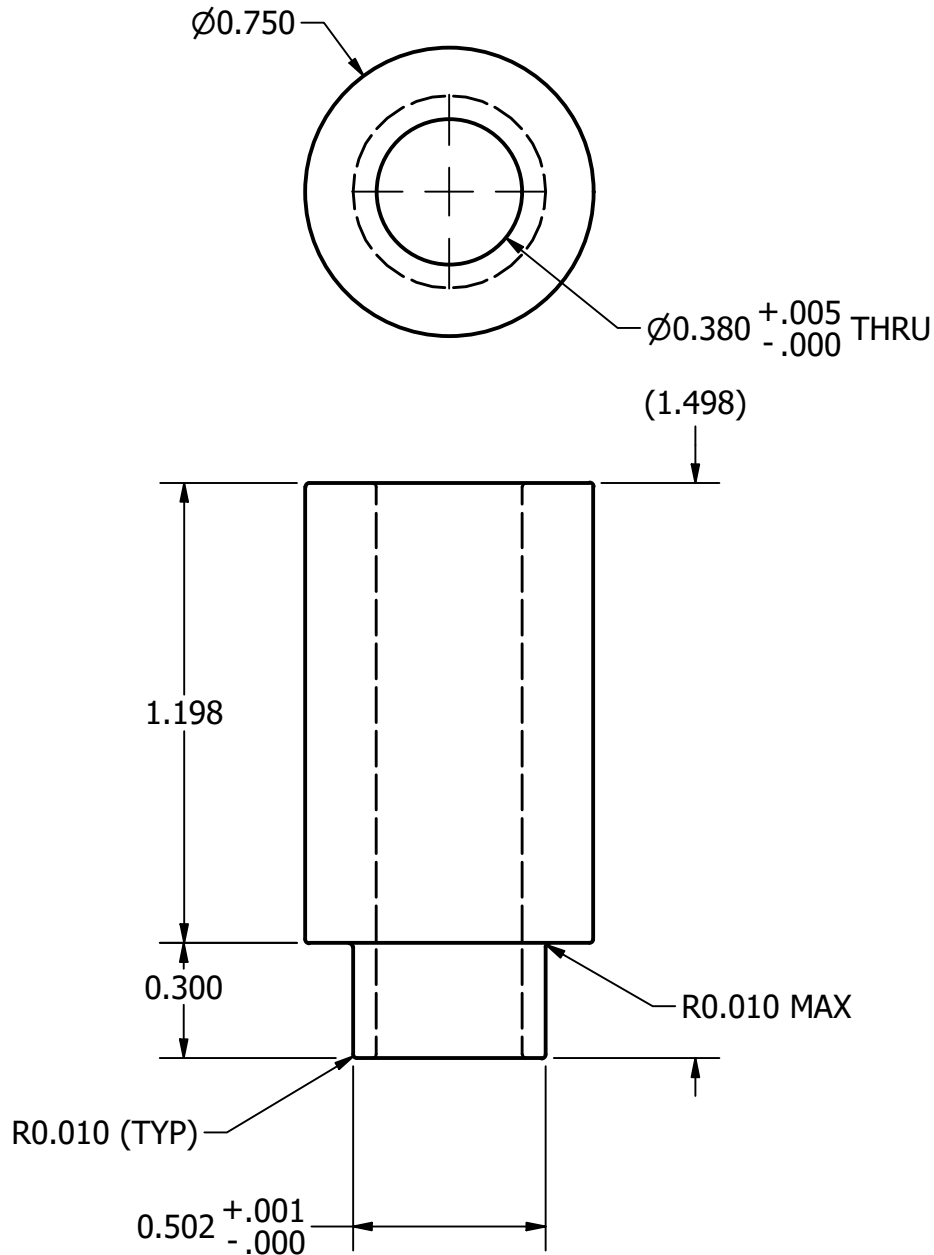
-45 BUSHING

MATERIAL: 0.750" DIA. 304 STAINLESS STEEL BAR PER AMS 5639,  
ASTM A 276, ASTM A 479  
FINISH: NONE



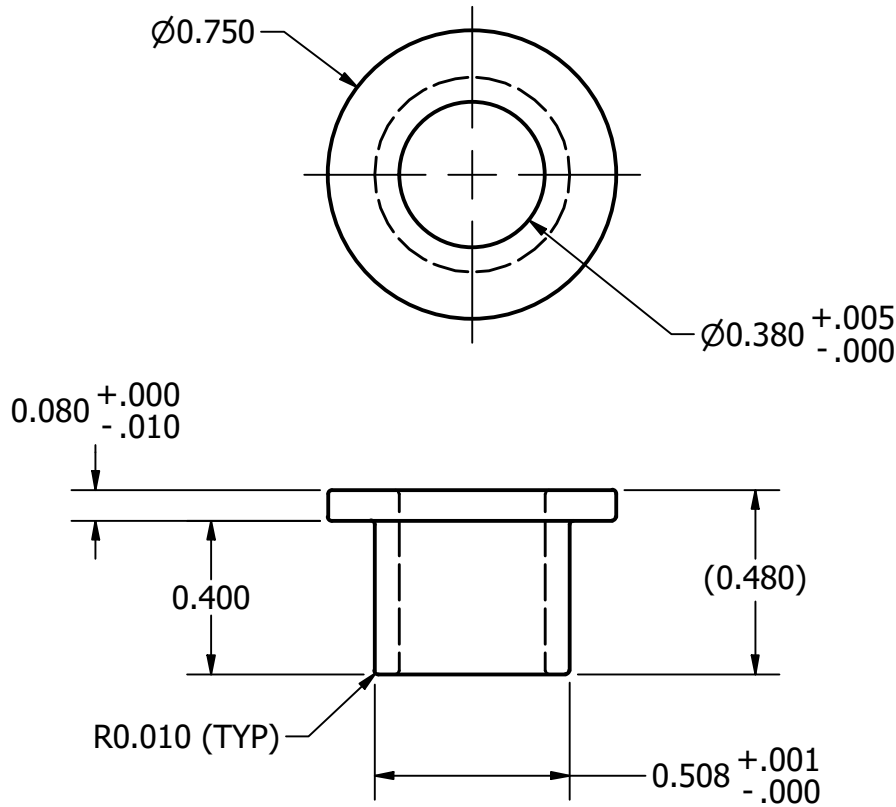
-43 BUSHING

MATERIAL: 0.750" DIA. 304 STAINLESS STEEL BAR PER AMS 5639,  
ASTM A 276, ASTM A 479  
FINISH: NONE



-46 BUSHING

MATERIAL: 0.750" DIA. 304 STAINLESS STEEL BAR PER AMS 5639,  
ASTM A 276, ASTM A 479  
FINISH: NONE



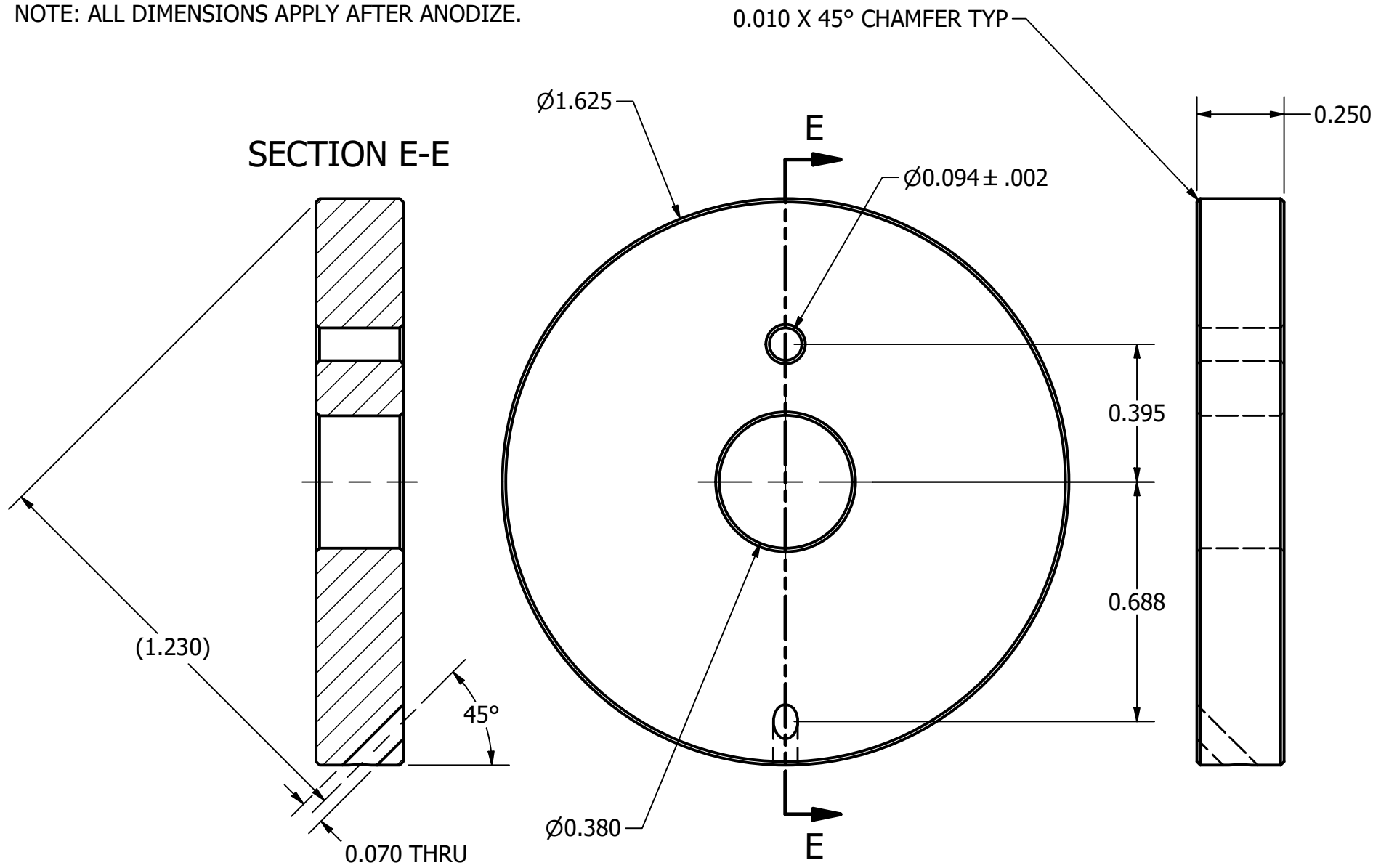
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	DRAWN BY KEW	CHK'D BY LS	APRVD. BY JT	DATE 7/18/16	REV G	ECO
	DO NOT SCALE DRAWING				SHEET 37 OF 54	
	3RD ANGLE PROJECTION					

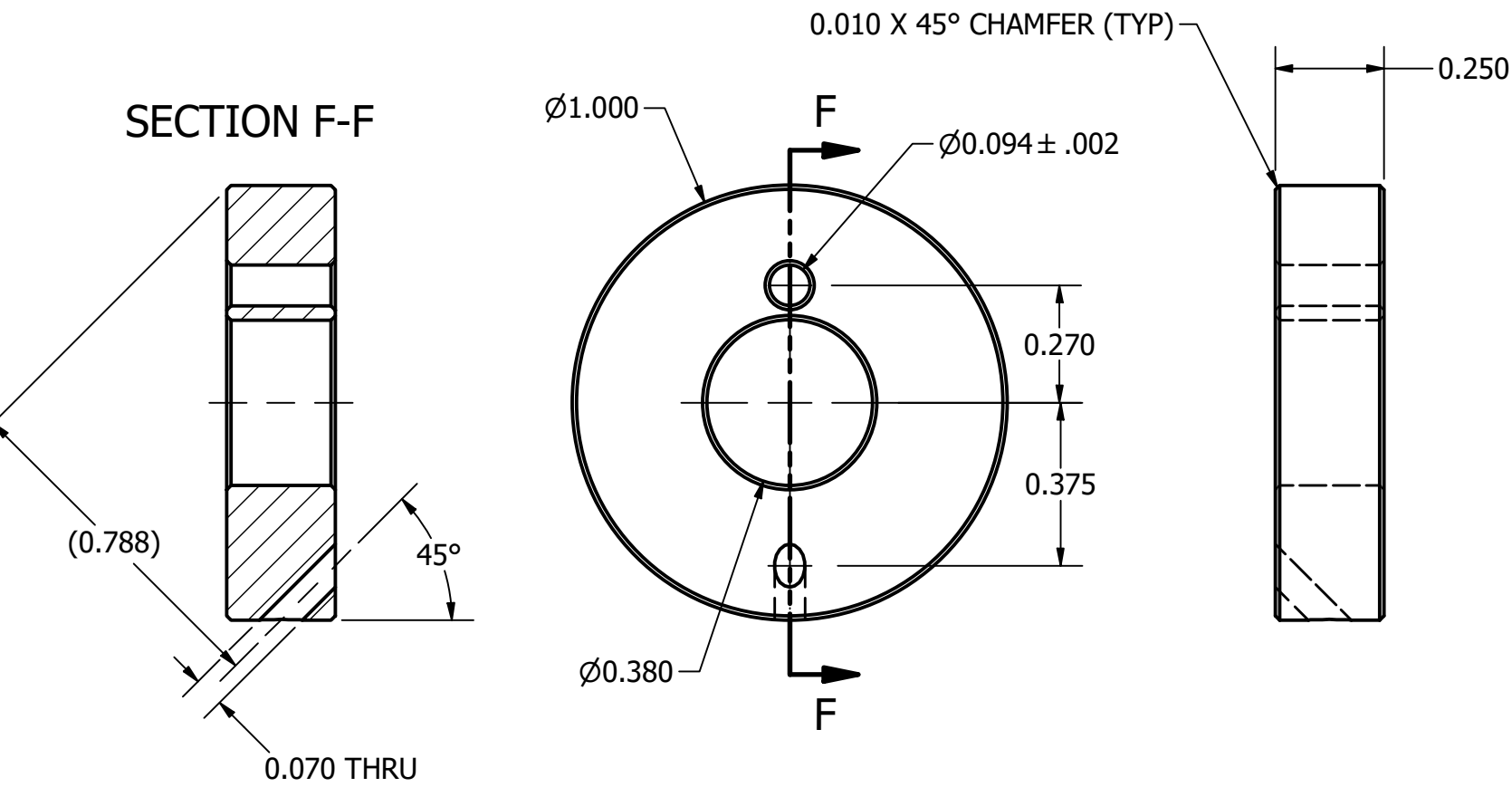
-47 SPACER

MATERIAL: 1.750" DIA. 6061-T6 ALUMINUM BAR PER AMS-QQ-A-225/8, AMS 4115, 4116, 4117  
OR EXTRUSION PER AMS-QQ-A-200/8, AMS 4150, 4160, 4173  
FINISH: ANODIZE PER MIL-A-8625 TYPE II, CLASS 2  
COLOR: BLACK  
NOTE: ALL DIMENSIONS APPLY AFTER ANODIZE.



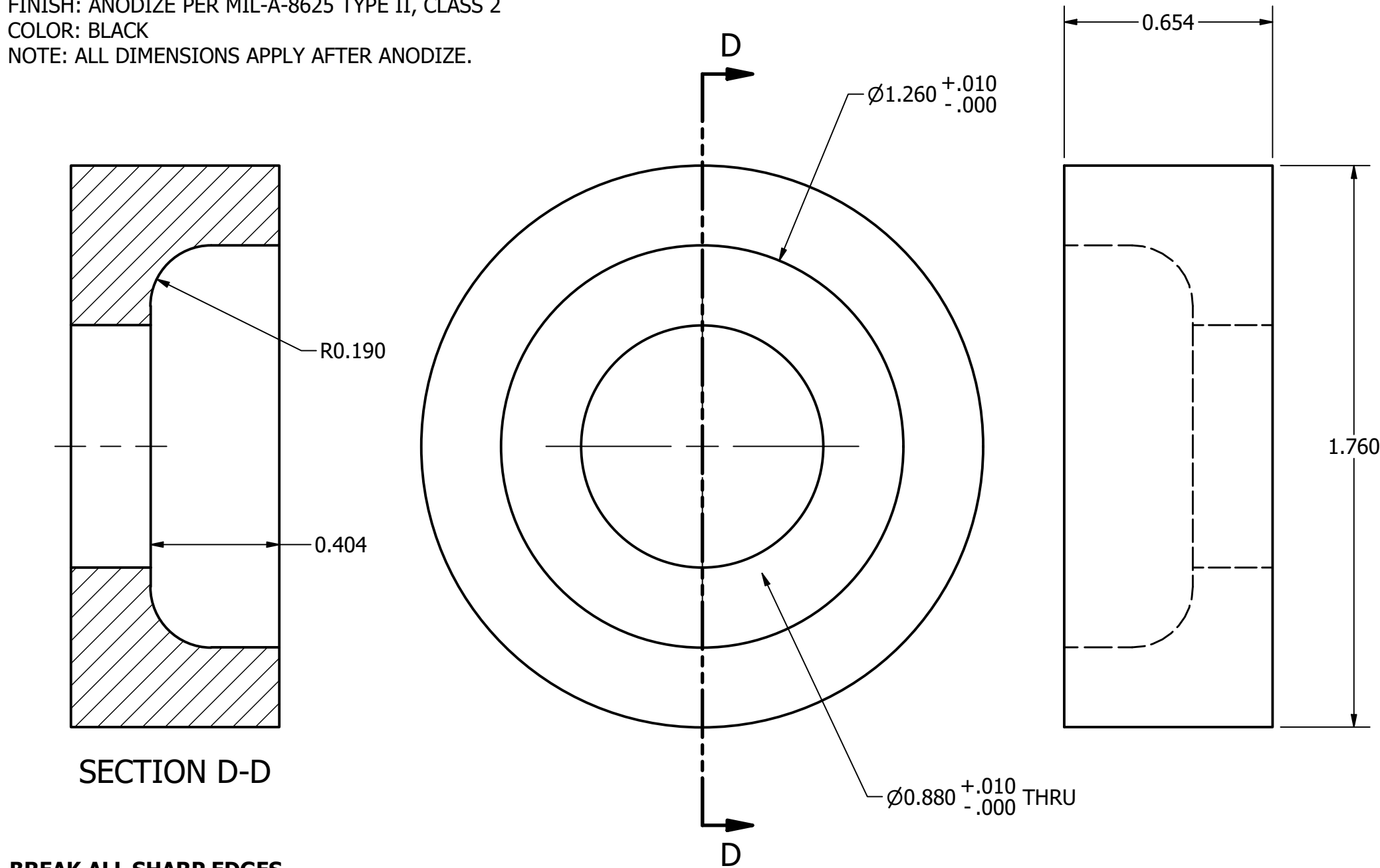
-48 SPACER

MATERIAL: 1.000" DIA. 6061-T6 ALUMINUM BAR PER AMS-QQ-A-225/8, AMS 4115, 4116, 4117  
OR EXTRUSION PER AMS-QQ-A-200/8, AMS 4150, 4160, 4173  
FINISH: ANODIZE PER MIL-A-8625 TYPE II, CLASS 2  
COLOR: BLACK  
NOTE: ALL DIMENSIONS APPLY AFTER ANODIZE.



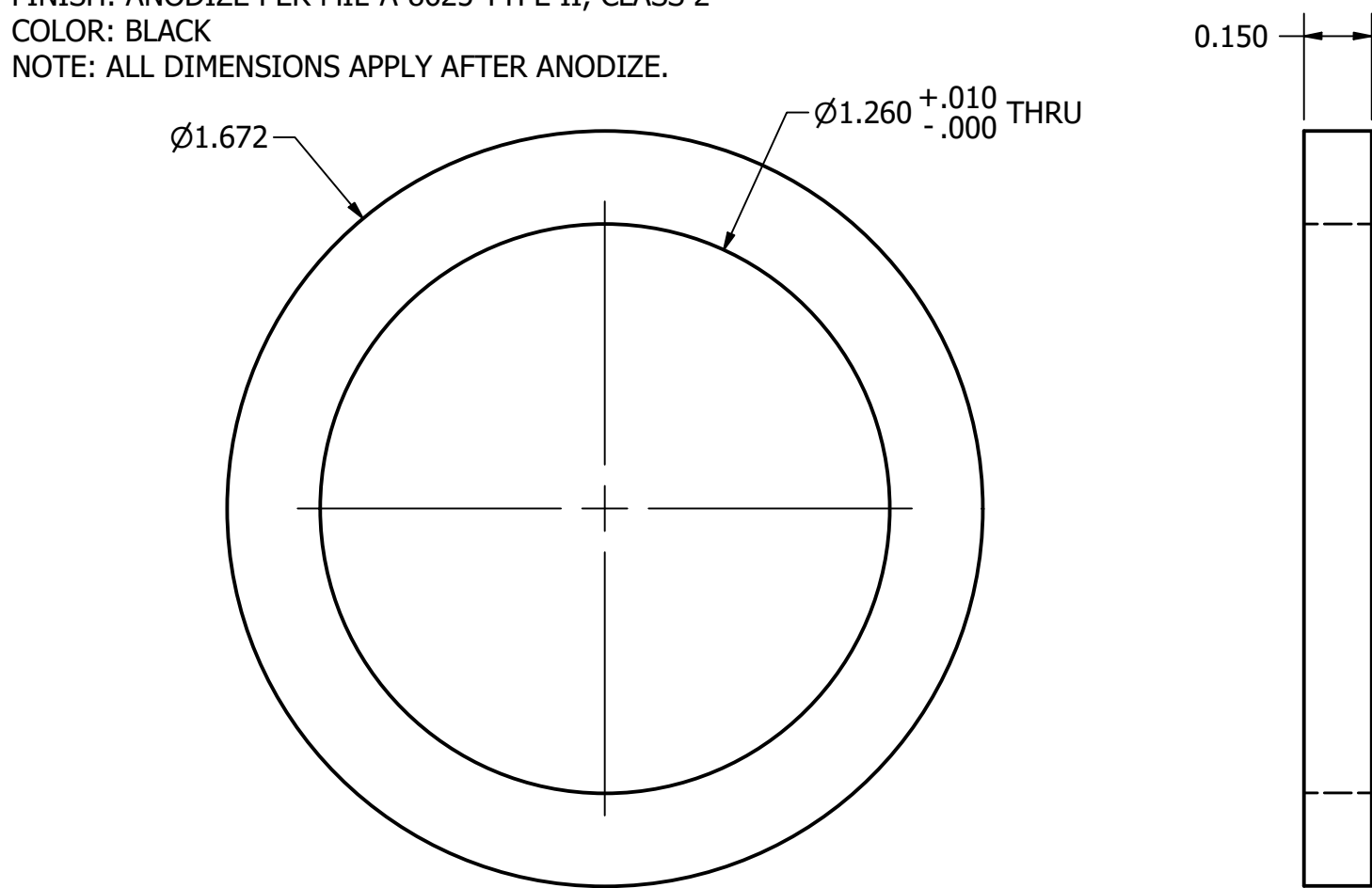
-49 BUSHING

MATERIAL: 2.000" DIA. 6061-T6 ALUMINUM BAR PER AMS-QQ-A-225/8, AMS 4115, 4116, 4117  
OR EXTRUSION PER AMS-QQ-A-200/8, AMS 4150, 4160, 4173  
FINISH: ANODIZE PER MIL-A-8625 TYPE II, CLASS 2  
COLOR: BLACK  
NOTE: ALL DIMENSIONS APPLY AFTER ANODIZE.



-50 SPACER

MATERIAL: 1.750" DIA. 6061-T6 ALUMINUM BAR PER AMS-QQ-A-225/8, AMS 4115, 4116, 4117  
OR EXTRUSION PER AMS-QQ-A-200/8, AMS 4150, 4160, 4173  
FINISH: ANODIZE PER MIL-A-8625 TYPE II, CLASS 2  
COLOR: BLACK  
NOTE: ALL DIMENSIONS APPLY AFTER ANODIZE.



BREAK ALL SHARP EDGES

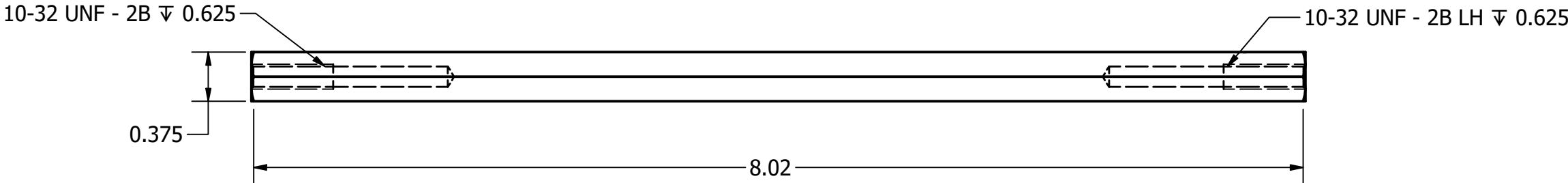
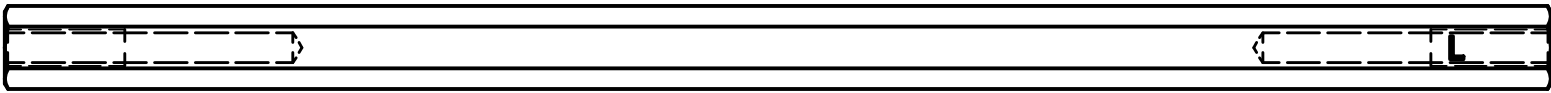
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	DRAWN BY KEW	CHK'D BY LS	APRVD. BY JT	DATE 7/18/16	REV G	ECO
	DO NOT SCALE DRAWING				SHEET 38 OF 54	
	3RD ANGLE PROJECTION				© 2017 PARAVION TECH. INC. PARAVION IS A TRADEMARK OF PARAVION TECHNOLOGY INC.	

-60 ROD

MATERIAL: 0.375" 300 SERIES S.S. CD HEX ROD PER ASTM A581-95B COND.A, A582-95B COND.A, A484/A484M, AMS 4640U TYPE I, QQS764B COND.A EN10204 3.1.B  
FINISH: NONE

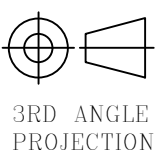


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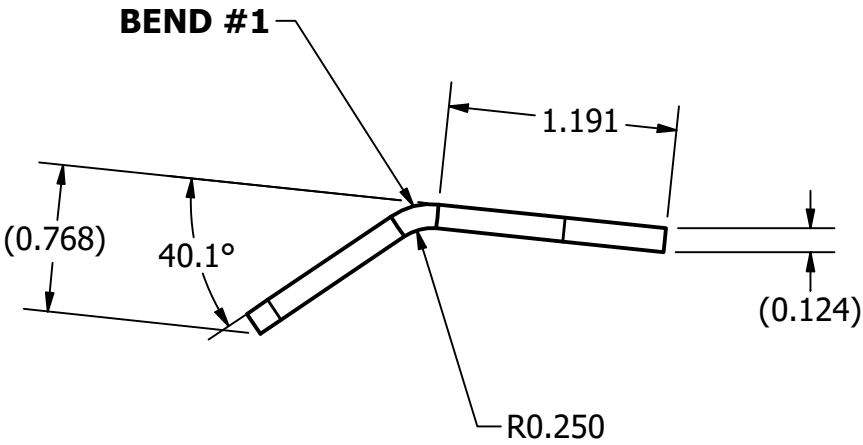
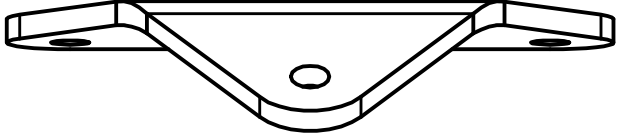
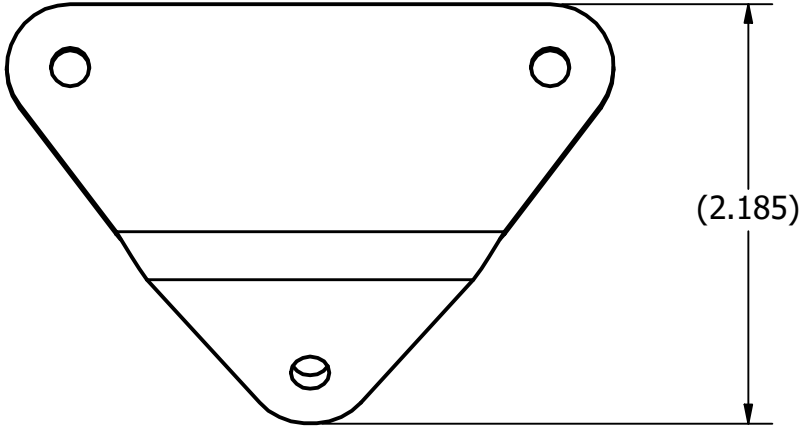
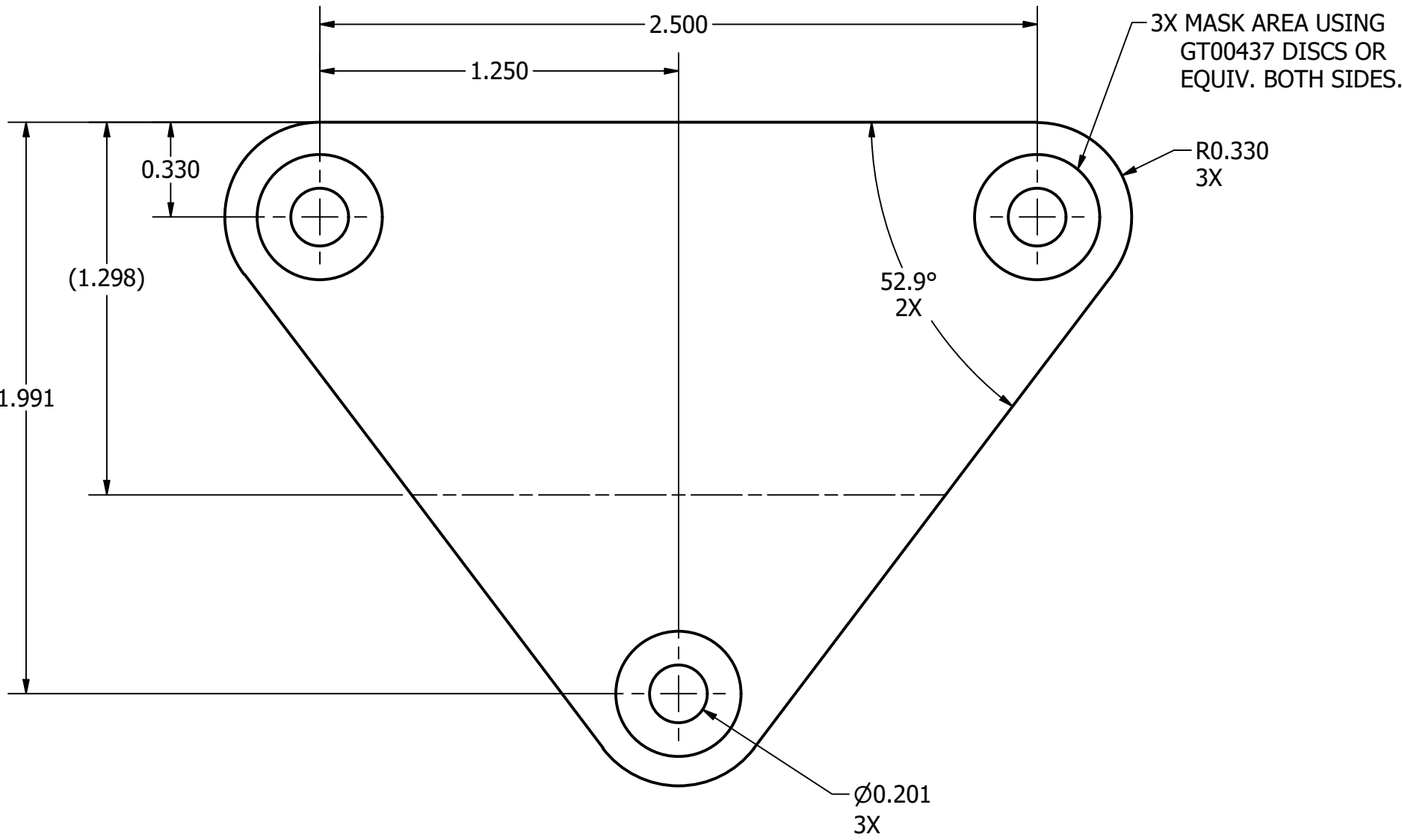
<div>Paravion<sup>®</sup> Technology Inc.</div> <div>DIMENSIONS IN INCHES TOLERANCES EXCEPT WHERE NOTED: .X = ±.1 .XX = ±.05 .XXX = ±.010 ANGLES = ± 1°</div> <div>THREADS: INTERNAL: CLASS 2B EXTERNAL: CLASS 2A</div>	TITLE RETRACTABLE TURRET ASSEMBLY				DRAWING NUMBER RT-1000	
	DRAWN BY KEW	CHK'D BY LS	APRVD. BY JT	DATE 7/18/16	REV G	ECO
	DO NOT SCALE DRAWING				SHEET 39 OF 54	
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-66 SUPPORT TAB

MATERIAL: 0.125" THK. 6061-T6 ALUMINUM SHEET PER AMS-QQ-A-250/11, AMS 4027 & 4025  
FINISH: ANODIZE PER MIL-A-8625 TYPE II, CLASS 2  
COLOR: BLACK

BEND CHART - BEND 1	
PUNCH	#15
DIE	#20
ANGLE	132
DIMENSION	1.298



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 Paravion <sup>®</sup> Technology DIMENSIONS IN INCHES TOLERANCES EXCEPT WHERE NOTED: .X = ±.1 .XX = ±.05 .XXX = ±.010 ANGLES = ± 1° THREADS: INTERNAL: CLASS 2B EXTERNAL: CLASS 2A	TITLE RETRACTABLE TURRET ASSEMBLY				DRAWING NUMBER RT-1000	
	DRAWN BY KEW	CHK'D BY LS	APRVD. BY JT	DATE 7/18/16	REV G	ECO
	DO NOT SCALE DRAWING				SHEET 40 OF 54	
	3RD ANGLE PROJECTION				© 2017 PARAVION TECH. INC. PARAVION IS A TRADEMARK OF PARAVION TECHNOLOGY INC.	



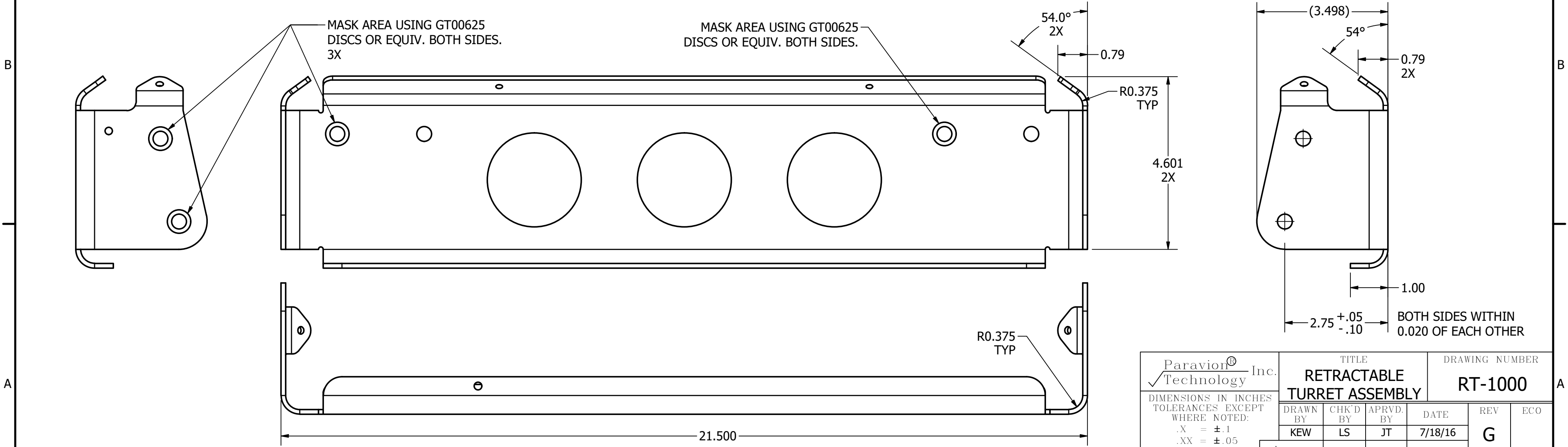
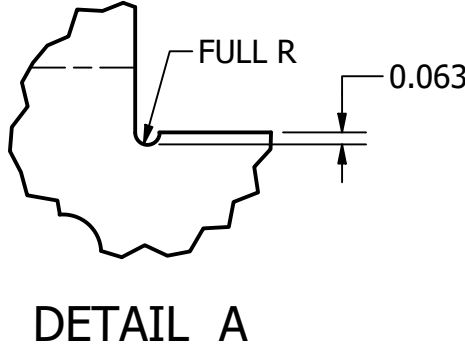
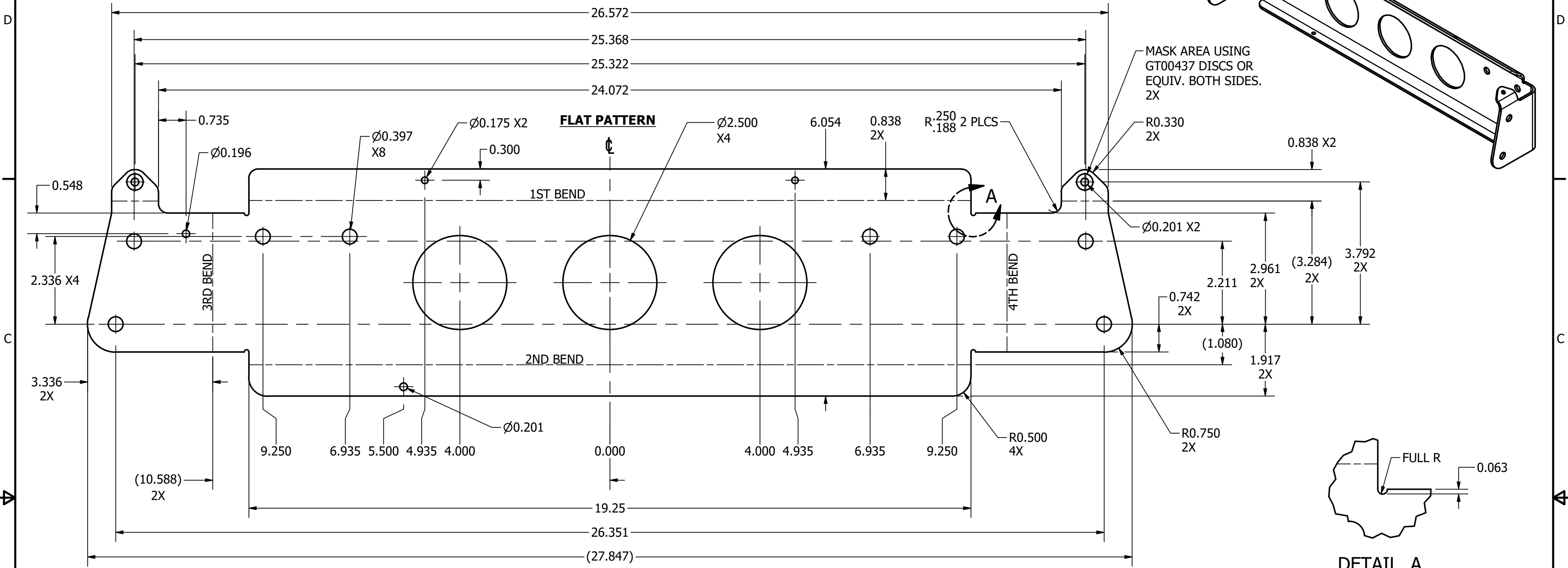
-67 FWD SUPPORT


MATERIAL: 0.125" THK. 6061-T6 ALUMINUM SHEET PER AMS-QQ-A-250/11, AMS 4027 & 4025  
FINISH: ANODIZE PER MIL-A-8625 TYPE II, CLASS 2  
COLOR: BLACK

1ST BEND  
PUNCH #17  
DIE #20  
ANGLE @ 120.5°  
DIMENSION 0.838

2ND BEND  
PUNCH #17  
DIE #20  
ANGLE @ 78.0°  
DIMENSION 0.838

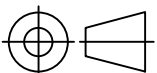
3RD & 4TH BEND  
PUNCH #17  
DIE #20  
ANGLE @ 90.0°  
DIMENSION 3.356



<div>Paravion® Technology Inc.</div>		TITLE <b>RETRACTABLE TURRET ASSEMBLY</b>			DRAWING NUMBER <b>RT-1000</b>	
DIMENSIONS IN INCHES TOLERANCES EXCEPT WHERE NOTED: .X = ±.1 .XX = ±.05 .XXX = ±.010 ANGLES = ± 1°  THREADS: INTERNAL CLASS 2B EXTERNAL CLASS 2A	DRAWN BY	CHK'D BY	APRVD. BY	DATE	REV	ECO
	KEW	LS	JT	7/18/16	<b>G</b>	
	<div></div>					
DO NOT SCALE DRAWING				SHEET		
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PROTO



3RD ANGLE  
PROJECTION

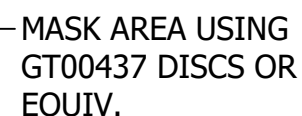
## A



## 4 PLCS



SECTION C-C



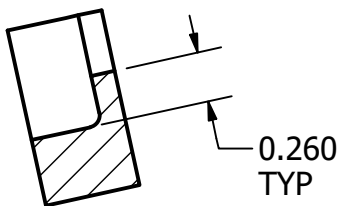
## SECTION B-B

DRAWING	SHEET
H. INC. MARK OF INC.	42 OF 54

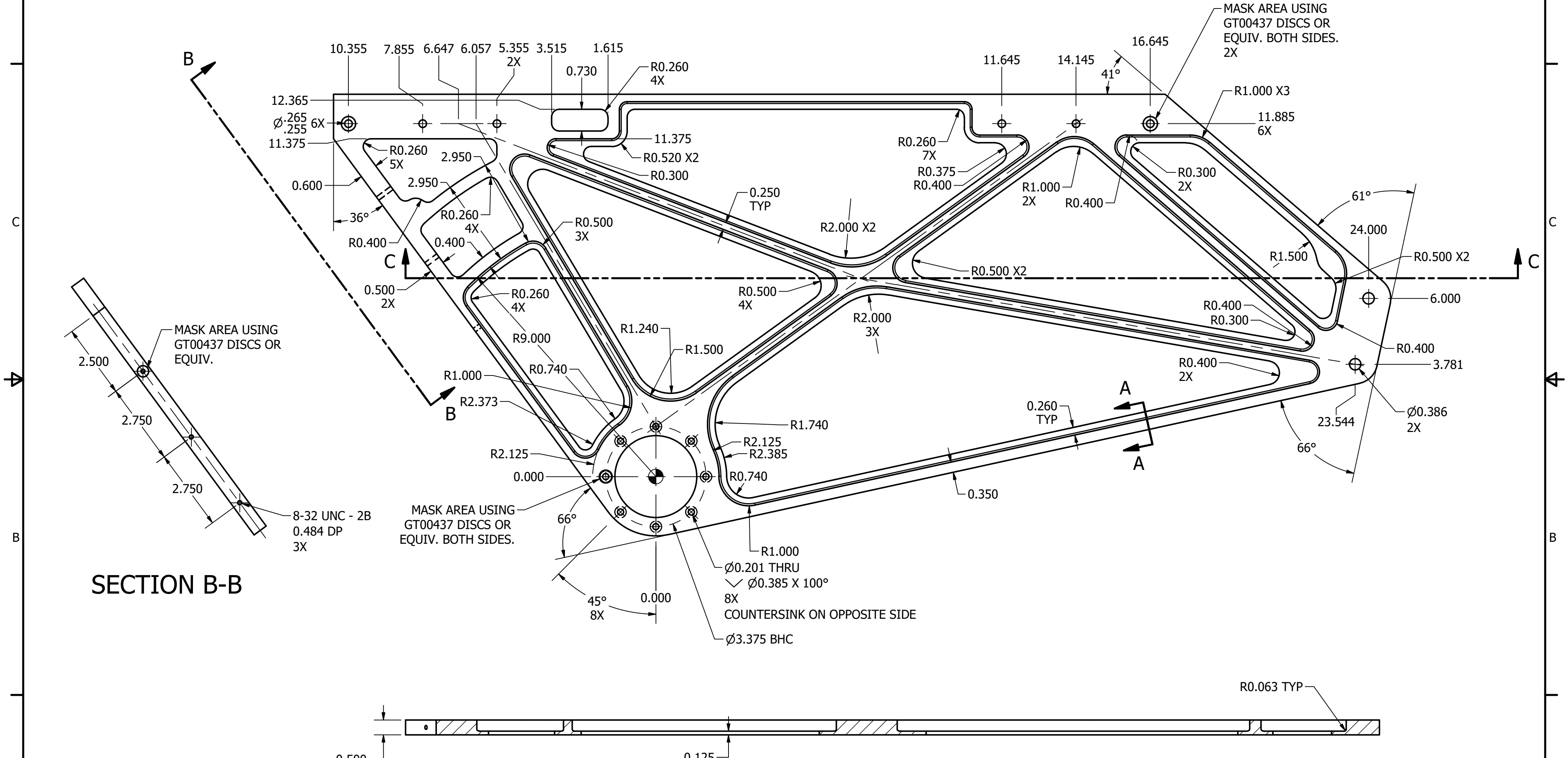
PROTC

-69 RIGHT SIDE PLATE

MATERIAL: 0.500" THK. 6061-T6 ALUMINUM PLATE PER AMS-QQ-A-250/11, AMS4027 & 4025  
FINISH: ANODIZE PER MIL-A-8625 TYPE II, CLASS 2  
COLOR: BLACK  
NOTE: DIMENSIONS APPLY AFTER ANODIZE.



SECTION A-A



SECTION B-B

SECTION C-C

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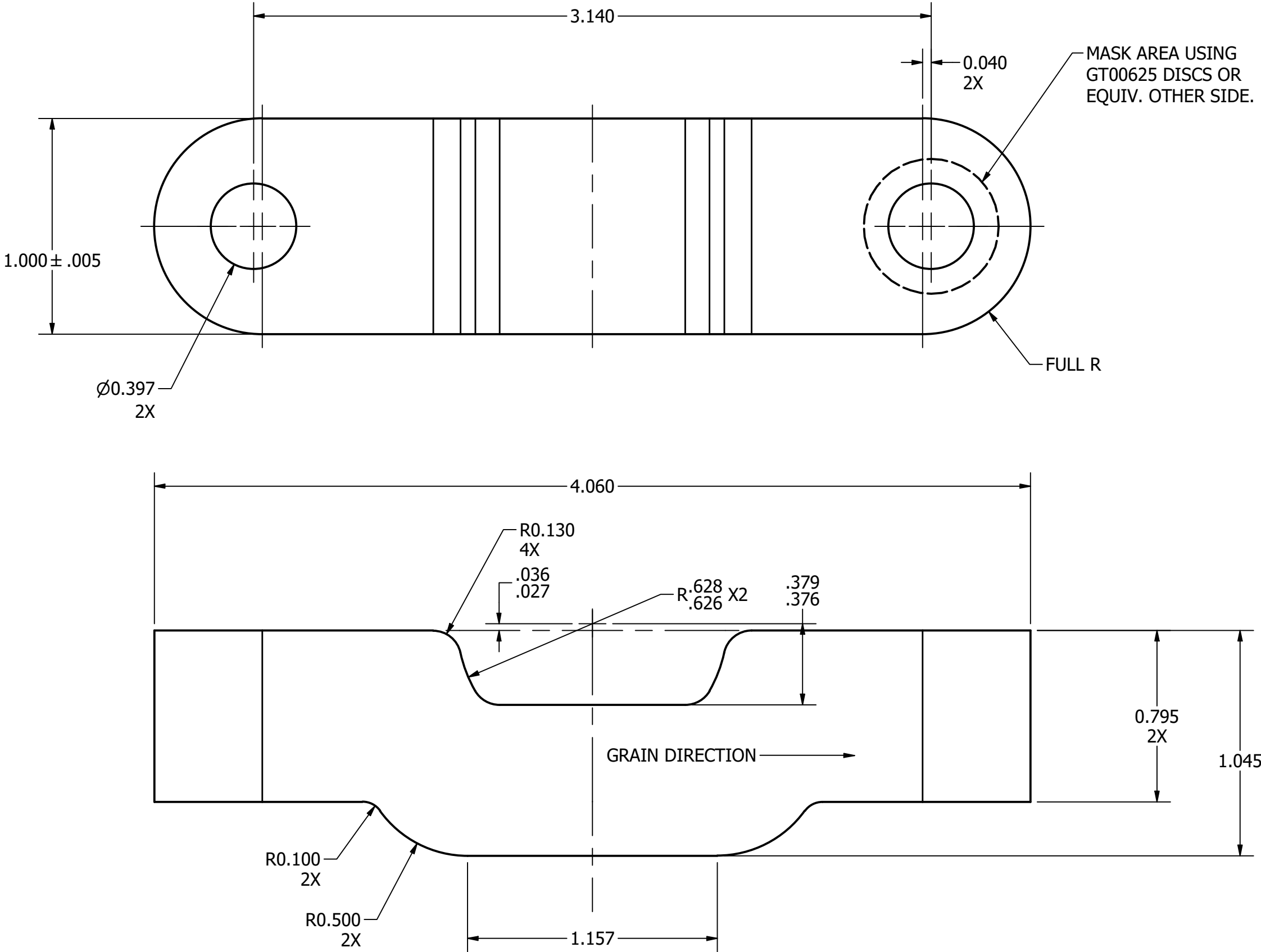
PROTO

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	DRAWN BY KEW	CHK'D BY LS	APRVD. BY JT	DATE 7/18/16	REV G
	DO NOT SCALE DRAWING			SHEET 43 OF 54	
	3RD ANGLE PROJECTION			ECO	



-70 CAP

MATERIAL: 2.000" X 3.000" 7050-T74511 ALUMINUM EXTRUSION PER AMS 4342  
ALT. MATERIAL: 1.750" THK. 7050-T7451 PER AMS 4050 OR 7050-T7651 PER AMS 4201 ALUMINUM PLATE  
FINISH: ANODIZE PER MIL-A-8625 TYPE II, CLASS 2  
COLOR: BLACK  
NOTE: DIMENSIONS APPLY AFTER ANODIZE.



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	RETRACTABLE TURRET ASSEMBLY		RT-1000			
	DRAWN BY	CHK'D BY	APRVD. BY	DATE	REV	ECO
	KEW	LS	JT	7/18/16	G	
<div>3RD ANGLE PROJECTION</div>	DO NOT SCALE DRAWING				SHEET	
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PROTO



## SECTION B-B

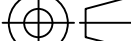
DETAIL CN  
SCALE 2 : 1

## SECTION A-A

—R0.75  
BLEND WITH  
BALL END MILL

[illegible]

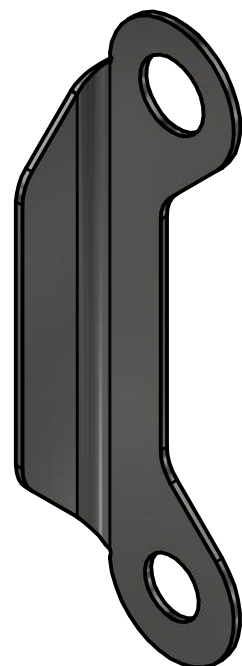
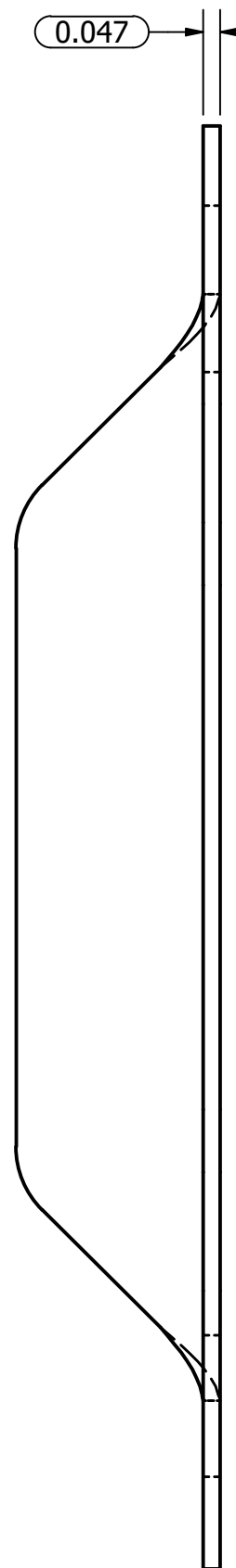
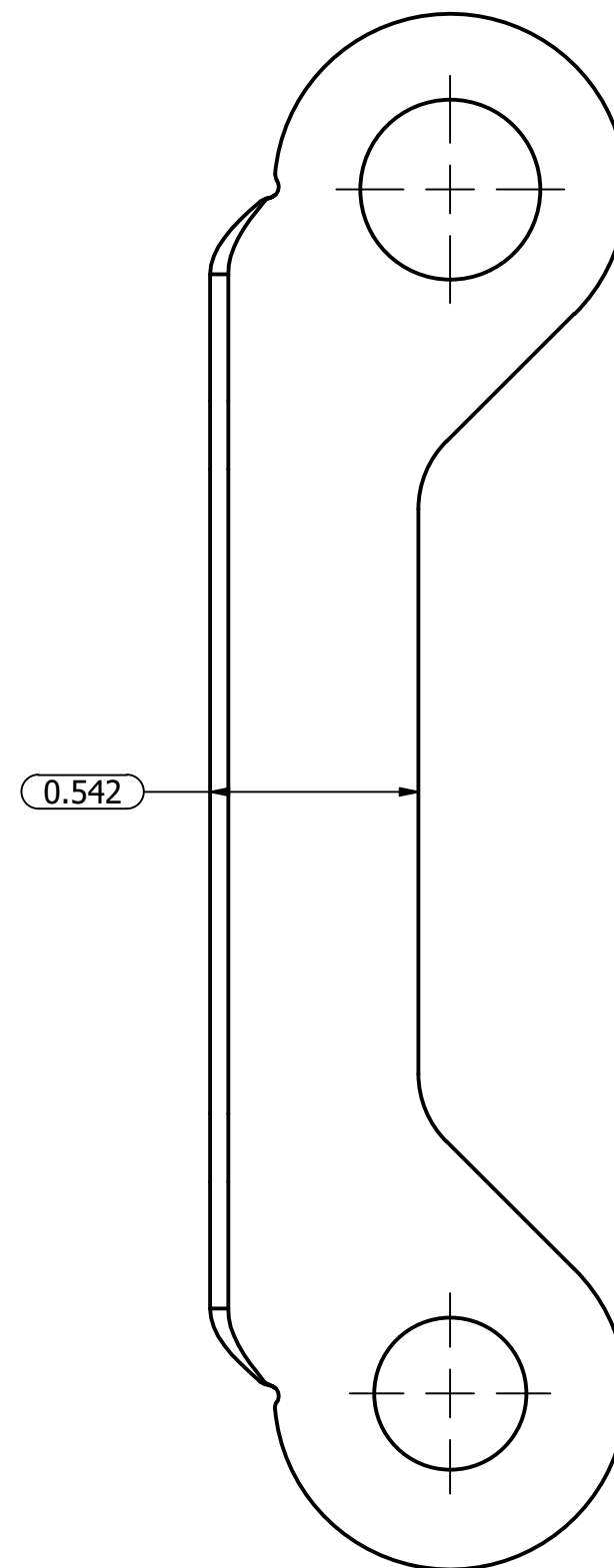
—TAP AND DRILL FOR MS21209F6-15  
HELI-COIL PER NASM33537.

Paravion® Inc. ✓ Technology		TITLE <b>RETRACTABLE TURRET ASSEMBLY</b>			DRAWING NUMBER <b>RT-1000</b>		
DIMENSIONS IN INCHES TOLERANCES EXCEPT WHERE NOTED: .X = ±.1 .XX = ±.05 .XXX = ±.010 ANGLES = ± 1°		DRAWN BY  <b>KEW</b>	CHK'D BY  <b>LS</b>	APRVD. BY  <b>JT</b>	DATE  <b>7/18/16</b>	REV  <b>G</b>	ECO
THREADS: INTERNAL CLASS 2B EXTERNAL CLASS 2A				DO NOT SCALE DRAWING		SHEET <b>45 OF 54</b>	
		3RD ANGLE PROJECTION		© 2017 PARAVION TECH. INC. PARAVION IS A TRADEMARK OF PARAVION TECHNOLOGY INC.			

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PROTC
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MATERIAL: 18 GA (0.047" THK.) 304 STAINLESS STEEL SHEET PER AMS 5513, ASTM A 167, ASTM A 240  
FINISH: NONE



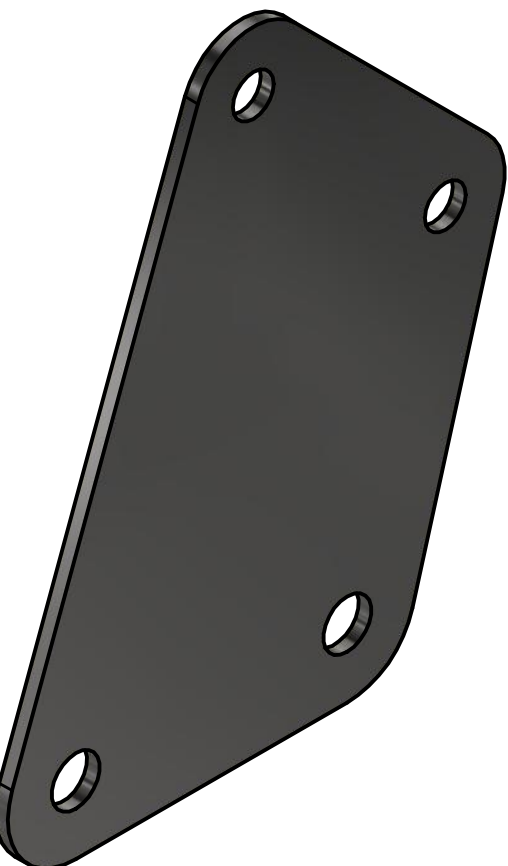
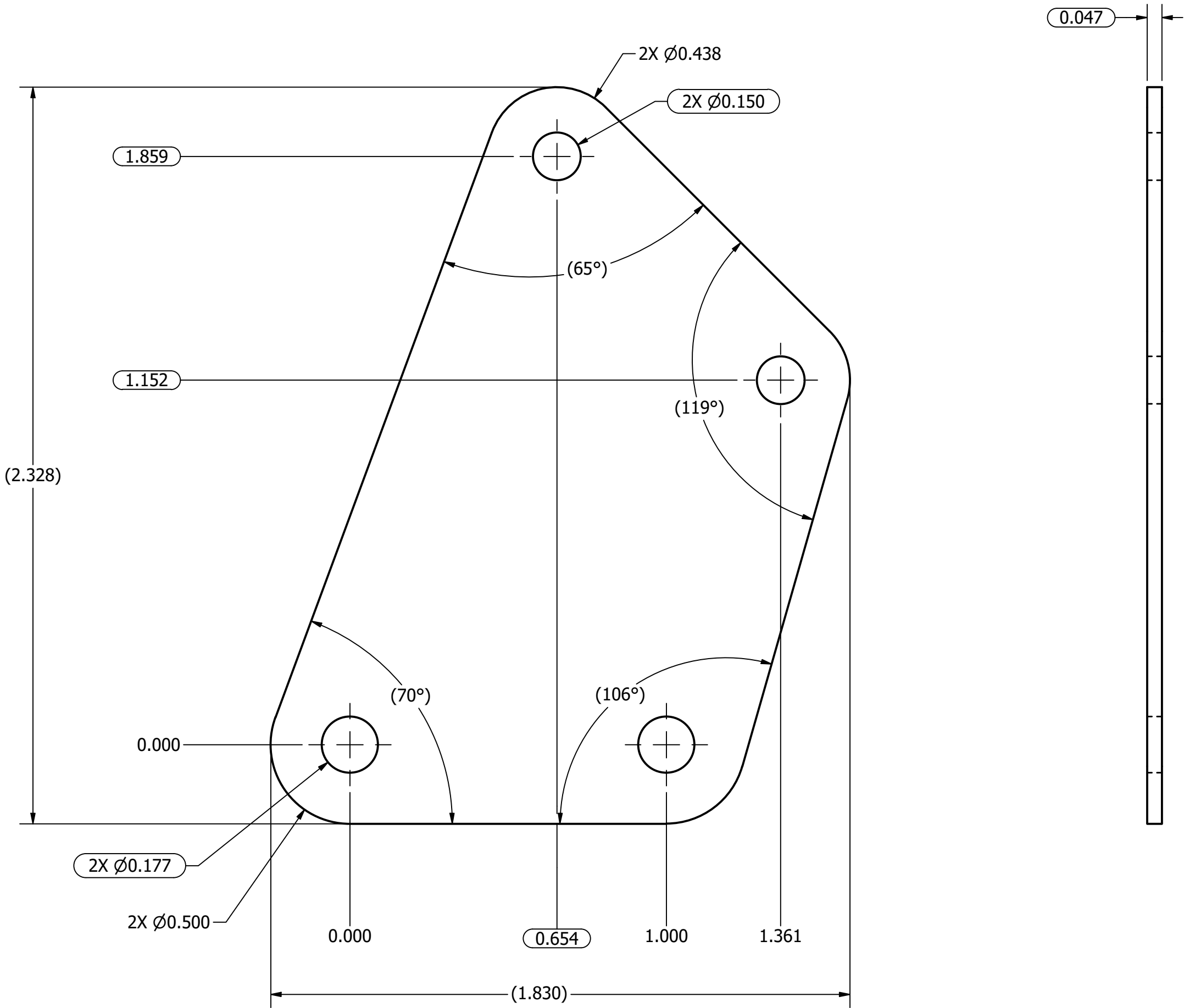
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	RETRACTABLE TURRET ASSEMBLY				RT-1000	
	DRAWN BY	CHK'D BY	APRVD. BY	DATE	REV	ECO
	KEW	LS	JT	7/18/16	G	
		DO NOT SCALE DRAWING				SHEET
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-79 SWITCH BRACKET

MATERIAL: 18 GA (0.047" THK.) 304 STAINLESS STEEL SHEET PER AMS 5513, ASTM A 167, ASTM A 240  
FINISH: NONE



**BREAK ALL SHARP EDGES**

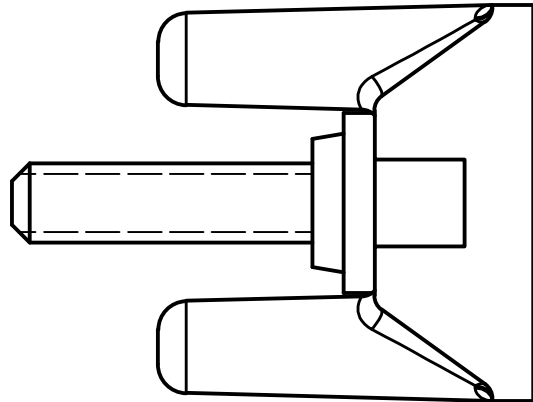
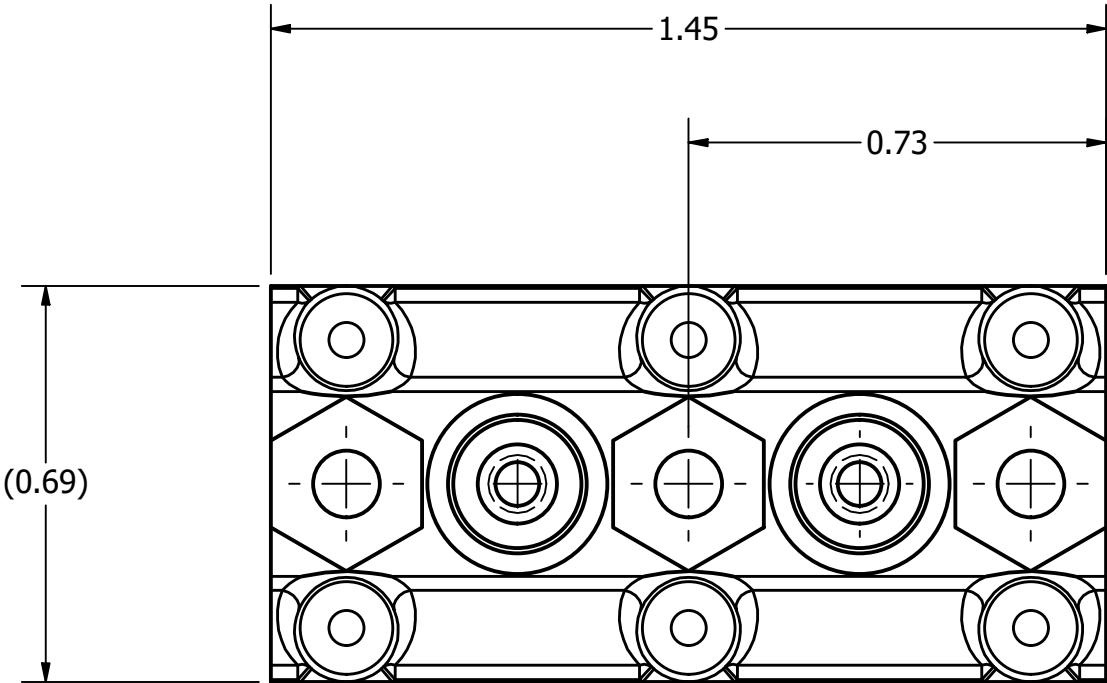
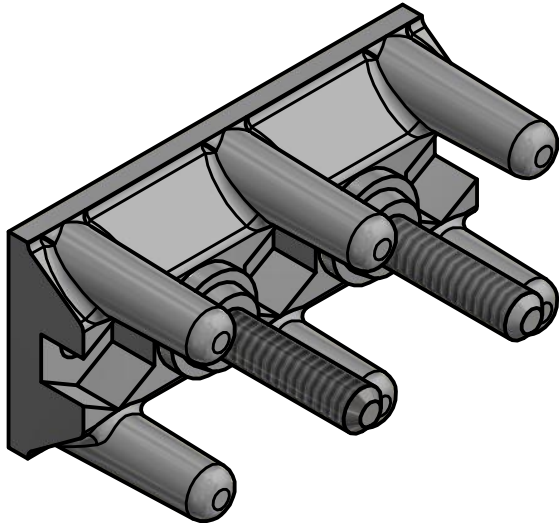
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	DRAWN BY	CHK'D BY	APRVD. BY	DATE
	KEW	LS	JT	7/18/16
	DO NOT SCALE DRAWING			REV G
	3RD ANGLE PROJECTION			SHEET 47 OF 54
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-80 TERMINAL BLOCK

- NOTES:
1. MAKE FROM: MS27212-1-20, CUT TO LENGTH AND DEBURR



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	DRAWN BY	CHK'D BY	APRVD. BY	DATE	REV	ECO
	KEW	LS	JT	7/18/16	G	
	DO NOT SCALE DRAWING				SHEET	
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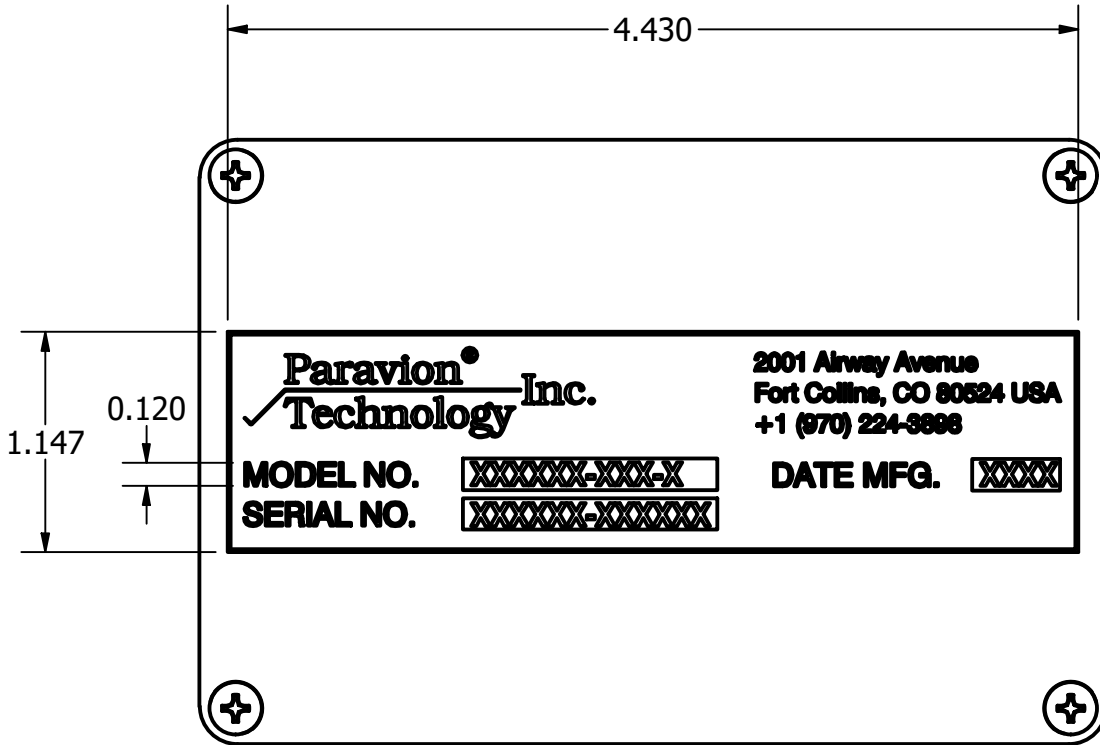
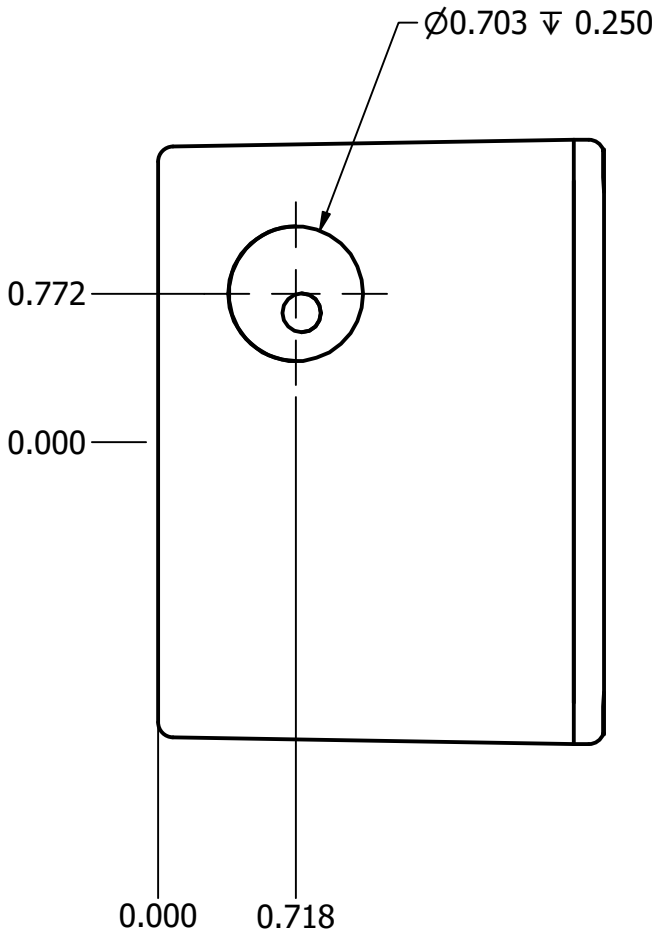
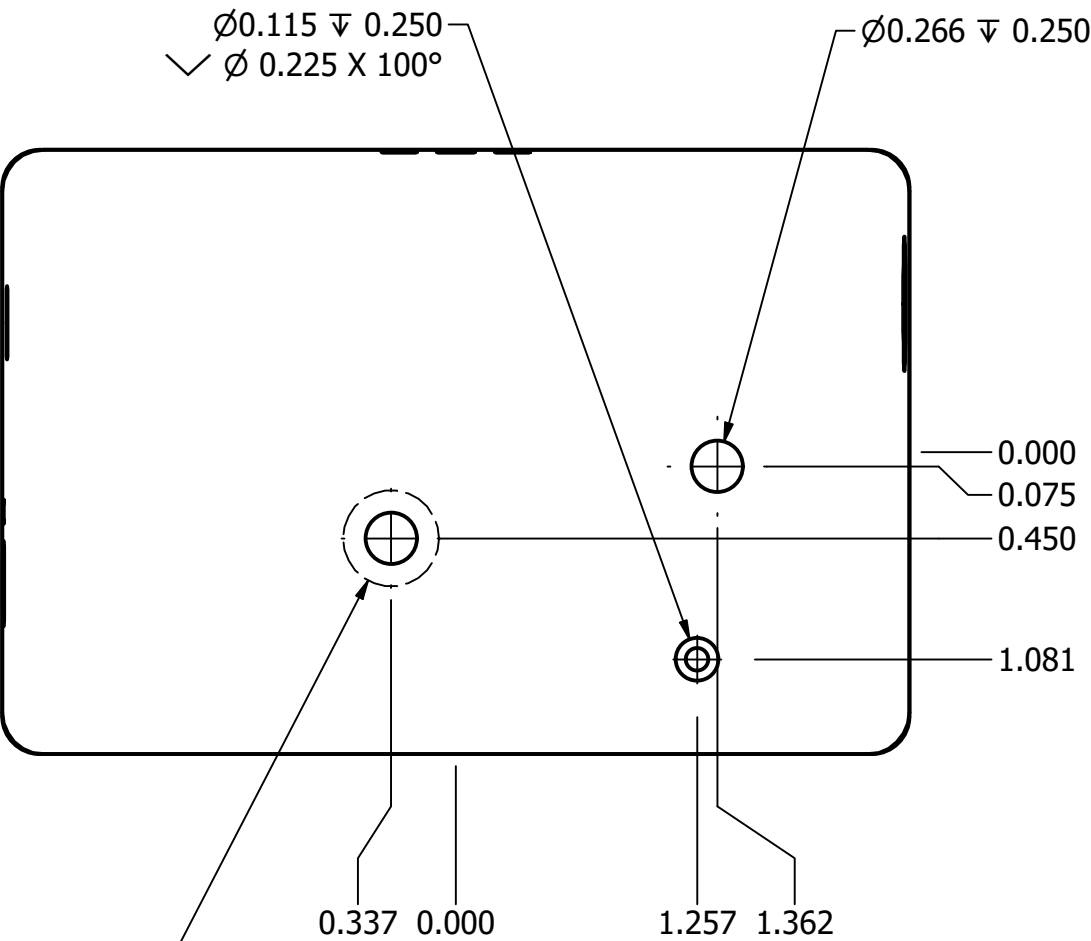
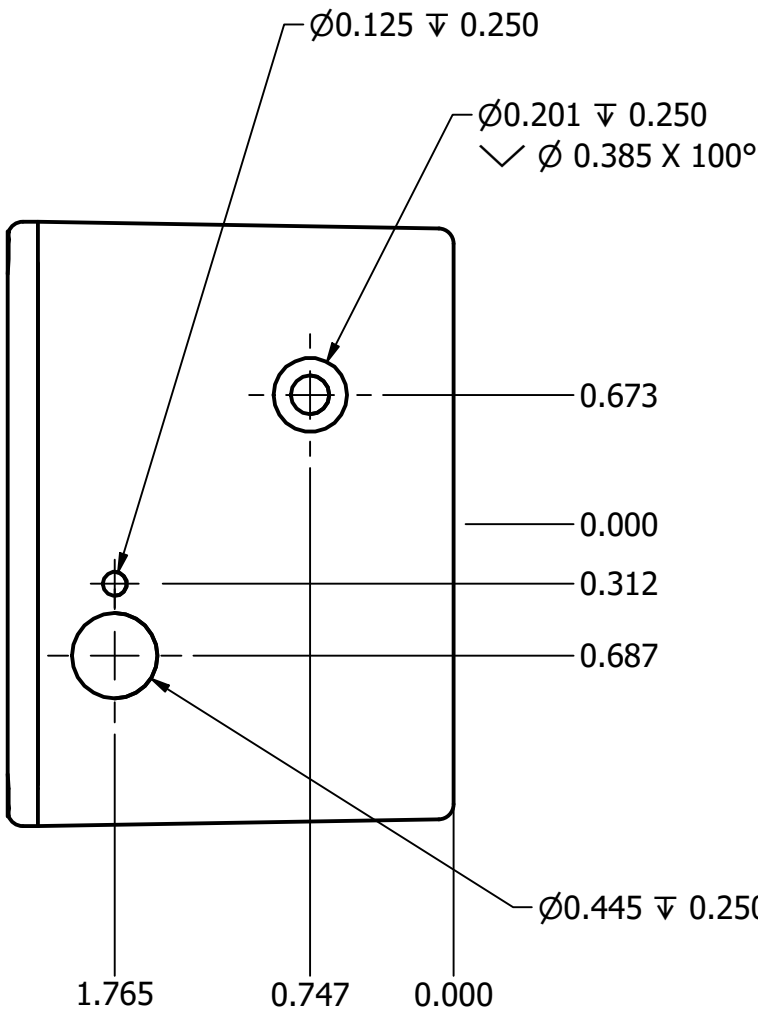
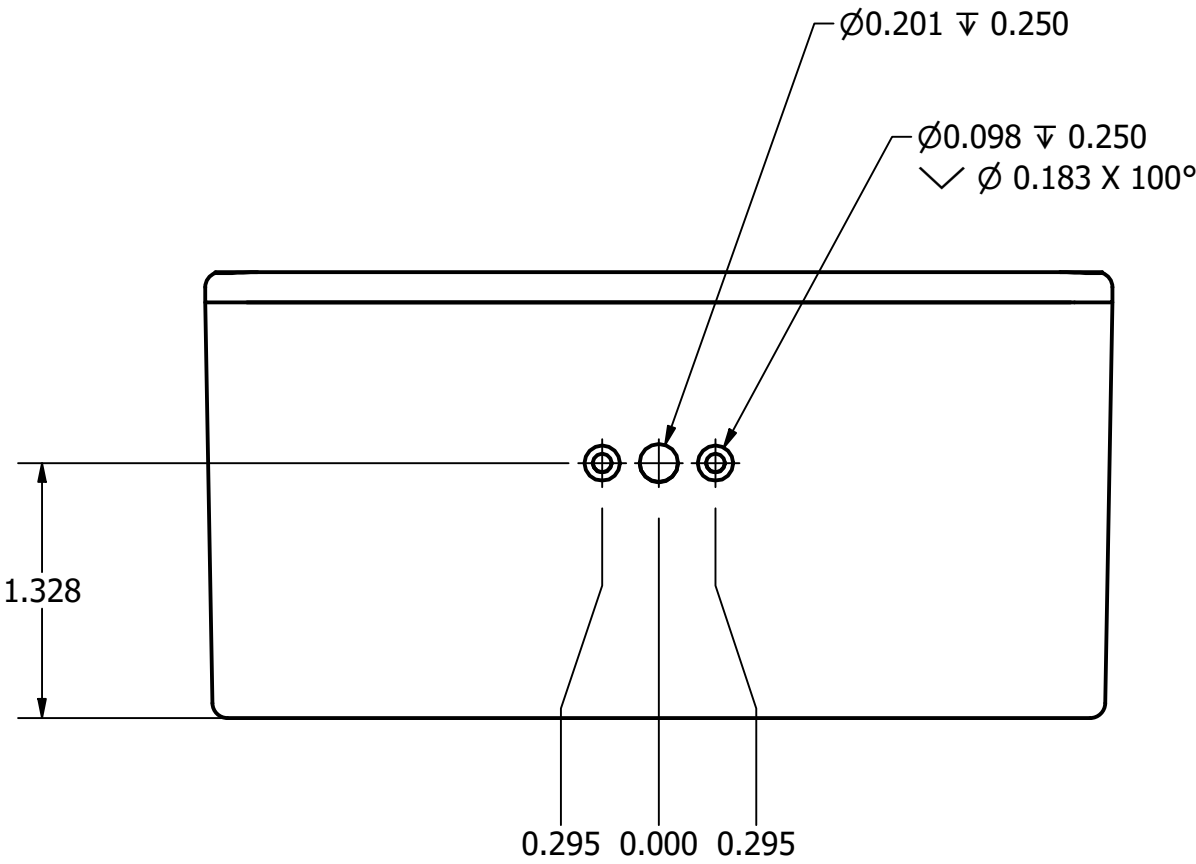


-81 ENCLOSURE

MAKE FROM: ES59002-2

FINISH:

- BLACK POLYURETHANE POWDER COAT CARDINAL C241-BK303 (BOTH ENCLOSURE AND COVER)
- LASER ABLATE NAMEPLATE INFORMATION PER BELOW REVEALING SILVER ALUMINUM LETTERING
- CLEAR COAT MATTE ACRYLIC AFTER LASER (OPTIONAL)



MASK AREA USING  
GT00500 DISCS OR  
EQUIV. THIS SIDE.

BREAK ALL SHARP EDGES

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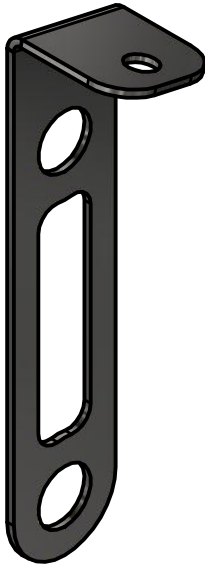
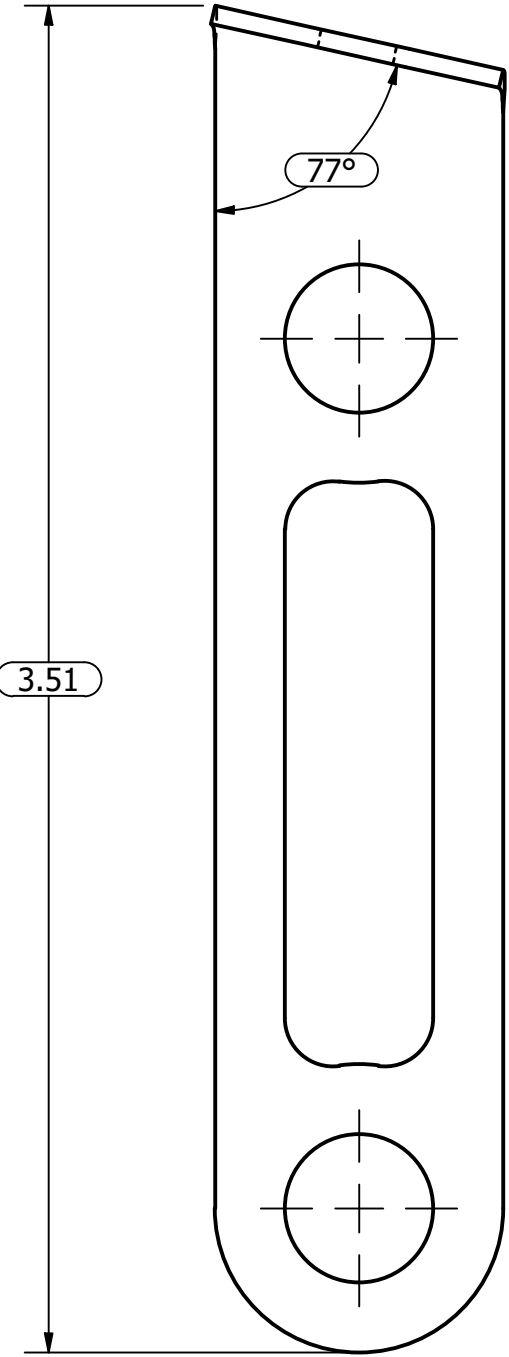
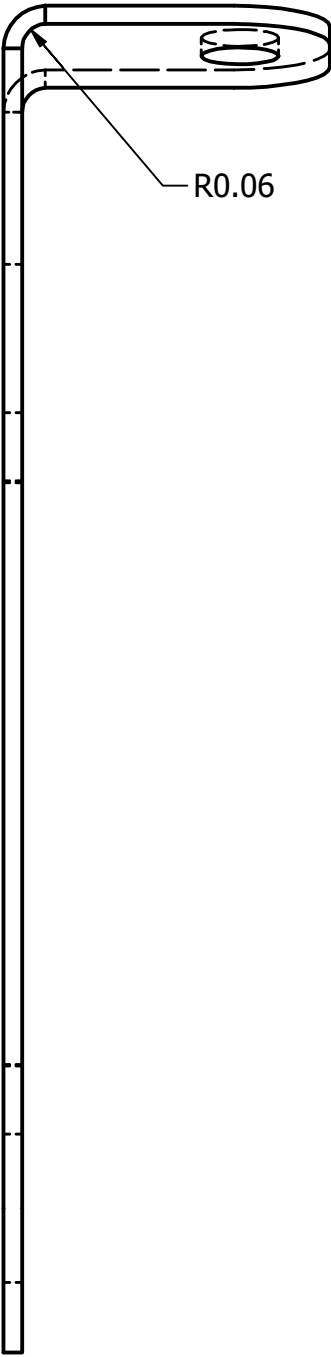
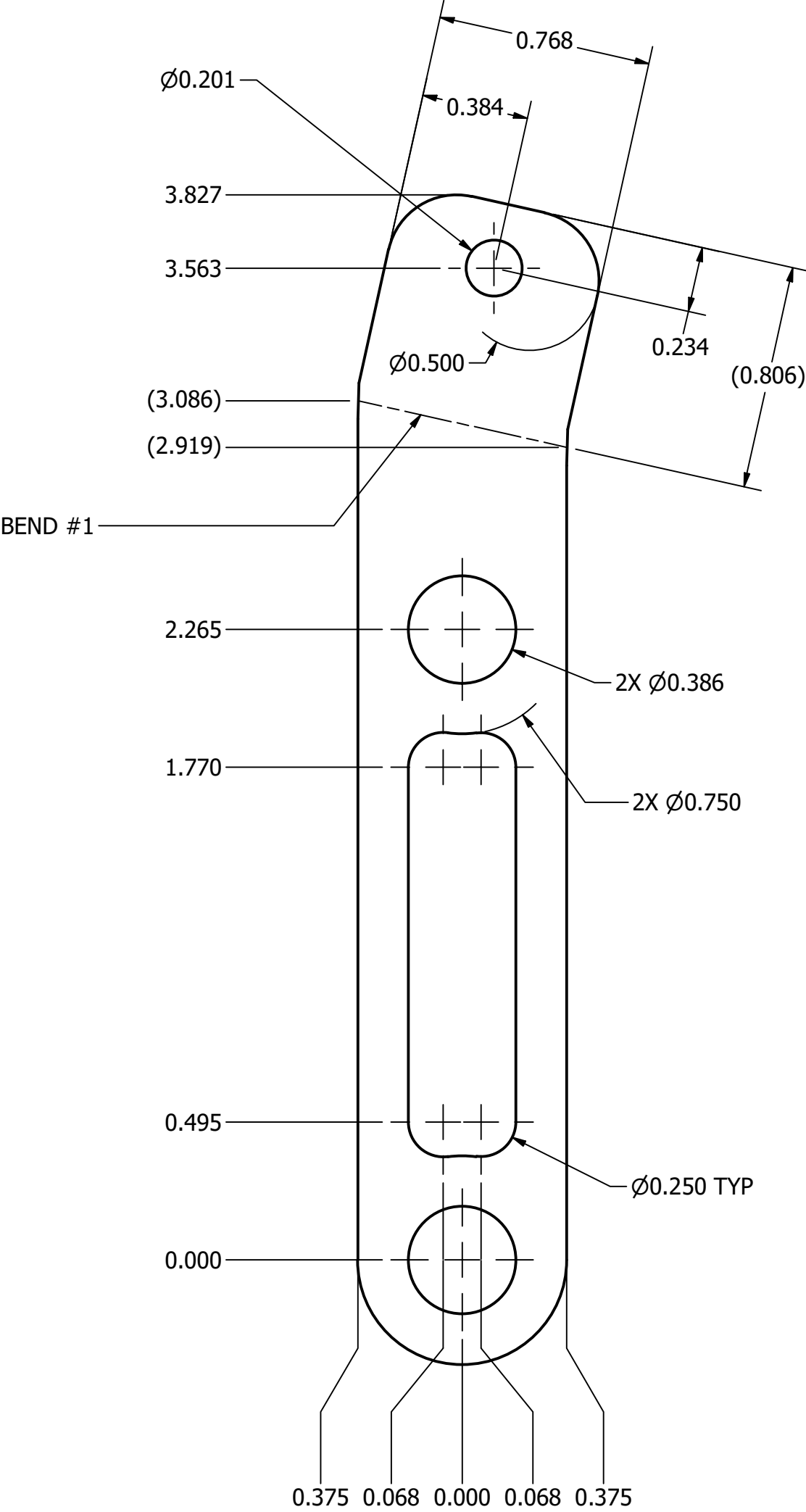
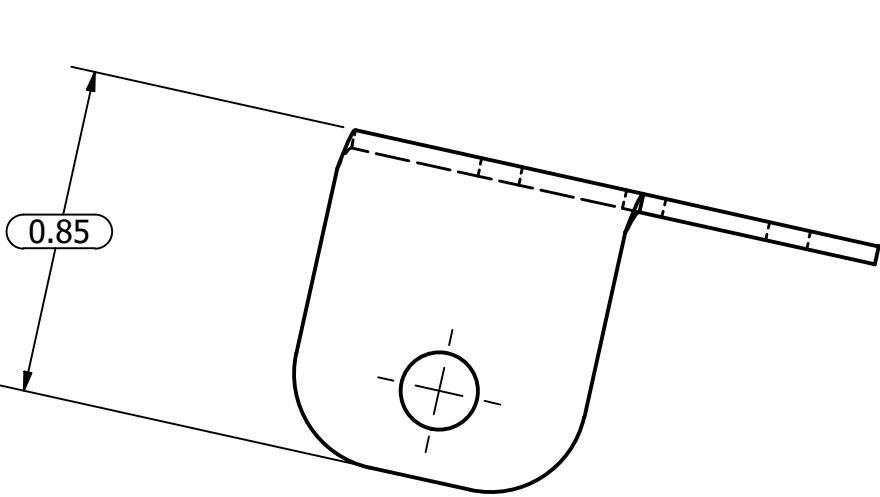
PROTO

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	DRAWN BY KEW	CHK'D BY LS	APRVD. BY JT	DATE 7/18/16	REV G	ECO
	DO NOT SCALE DRAWING				SHEET	
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-82 BRACKET

MATERIAL: 18 GA (0.047" THK.) 304 STAINLESS STEEL SHEET PER AMS 5513, ASTM A 167, ASTM A 240  
FINISH: NONE

BEND CHART	
	BEND #1
PUNCH	6
DIE	1
ANGLE	90
DIMENSION	0.796



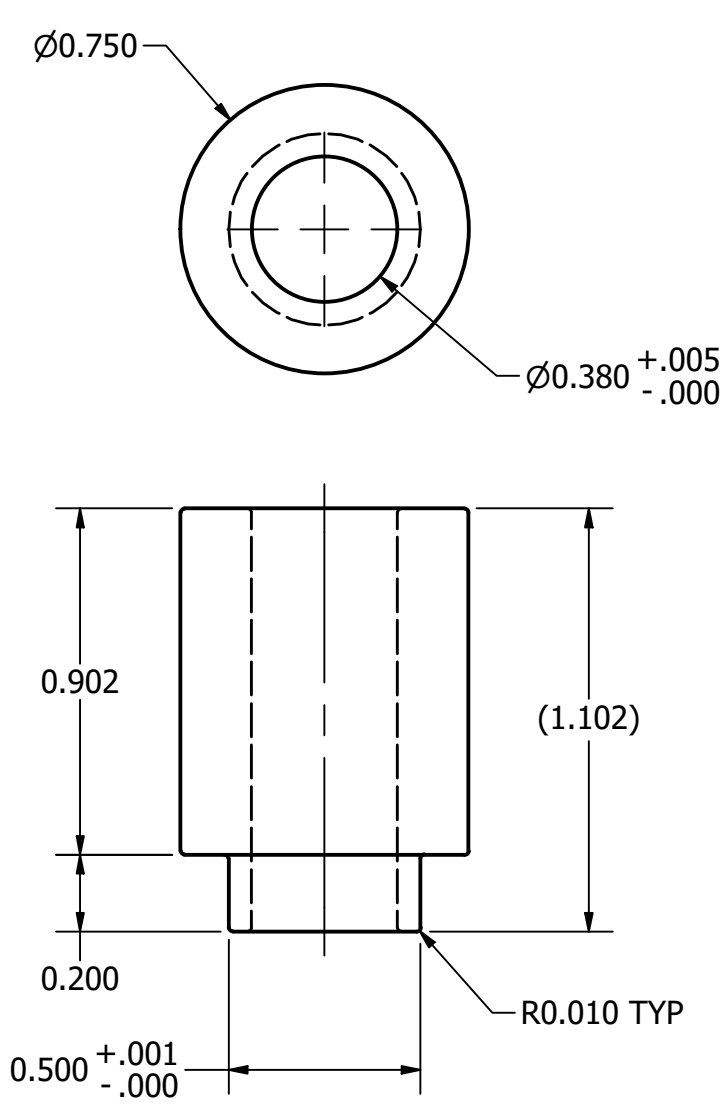
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PROTO

Paravion <sup>®</sup> Technology Inc.		TITLE RETRACTABLE TURRET ASSEMBLY		DRAWING NUMBER RT-1000	
DIMENSIONS IN INCHES TOLERANCES EXCEPT WHERE NOTED: .X = ±.1 .XX = ±.05 .XXX = ±.010 ANGLES = ± 1°		DRAWN BY KEW	CHK'D BY LS	APRVD. BY JT	DATE 7/18/16
		DO NOT SCALE DRAWING			REV G
THREADS: INTERNAL: CLASS 2B EXTERNAL: CLASS 2A		3RD ANGLE PROJECTION		SHEET 50 OF 54	
				ECO	

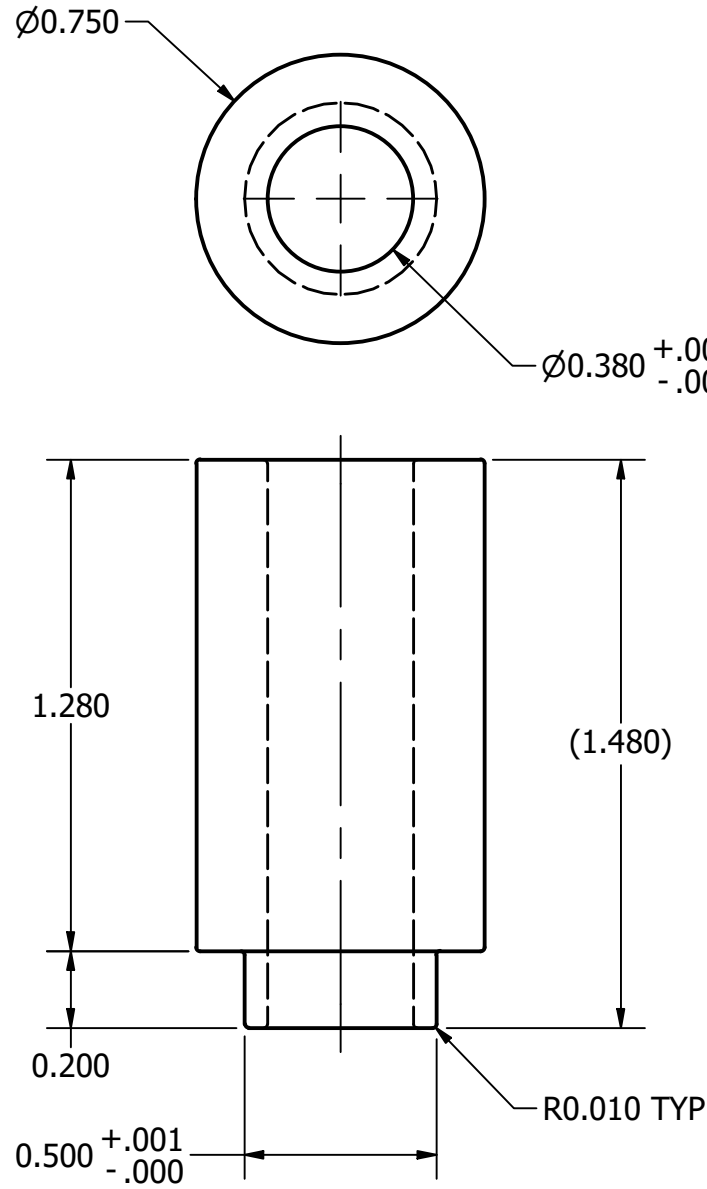
-83 BUSHING

MATERIAL: 0.750" DIA. 304 STAINLESS STEEL BAR PER AMS 5639,  
ASTM A 276, ASTM A 479  
FINISH: NONE



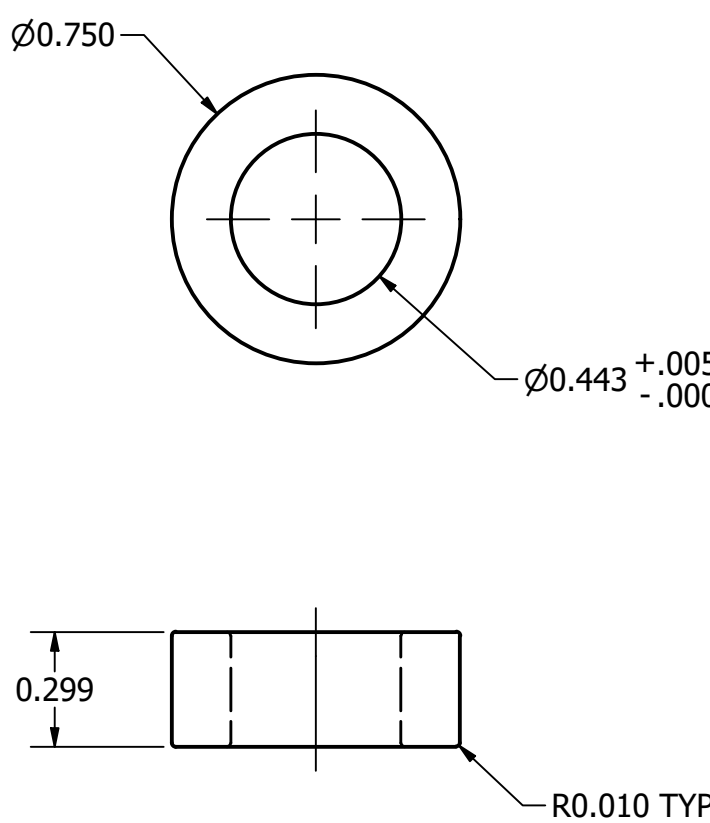
-84 BUSHING

MATERIAL: 0.750" DIA. 304 STAINLESS STEEL BAR PER AMS 5639,  
ASTM A 276, ASTM A 479  
FINISH: NONE



-85 BUSHING

MATERIAL: 0.750" DIA. 304 STAINLESS STEEL BAR PER AMS 5639,  
ASTM A 276, ASTM A 479  
FINISH: NONE



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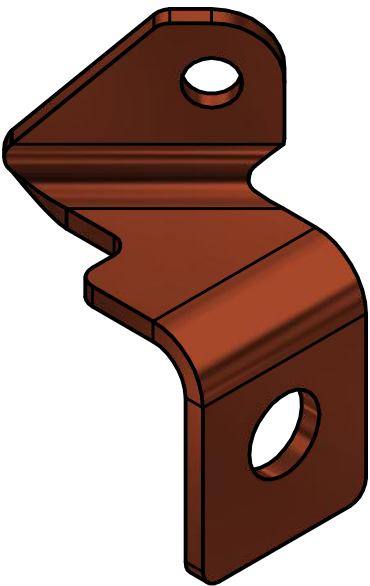
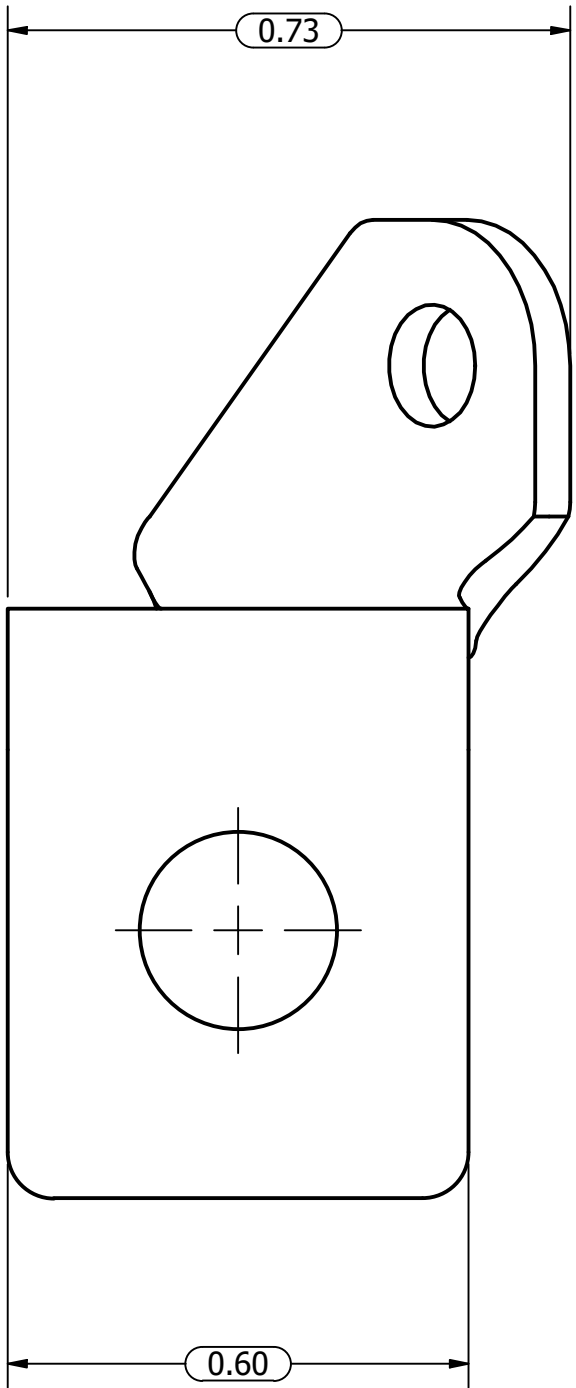
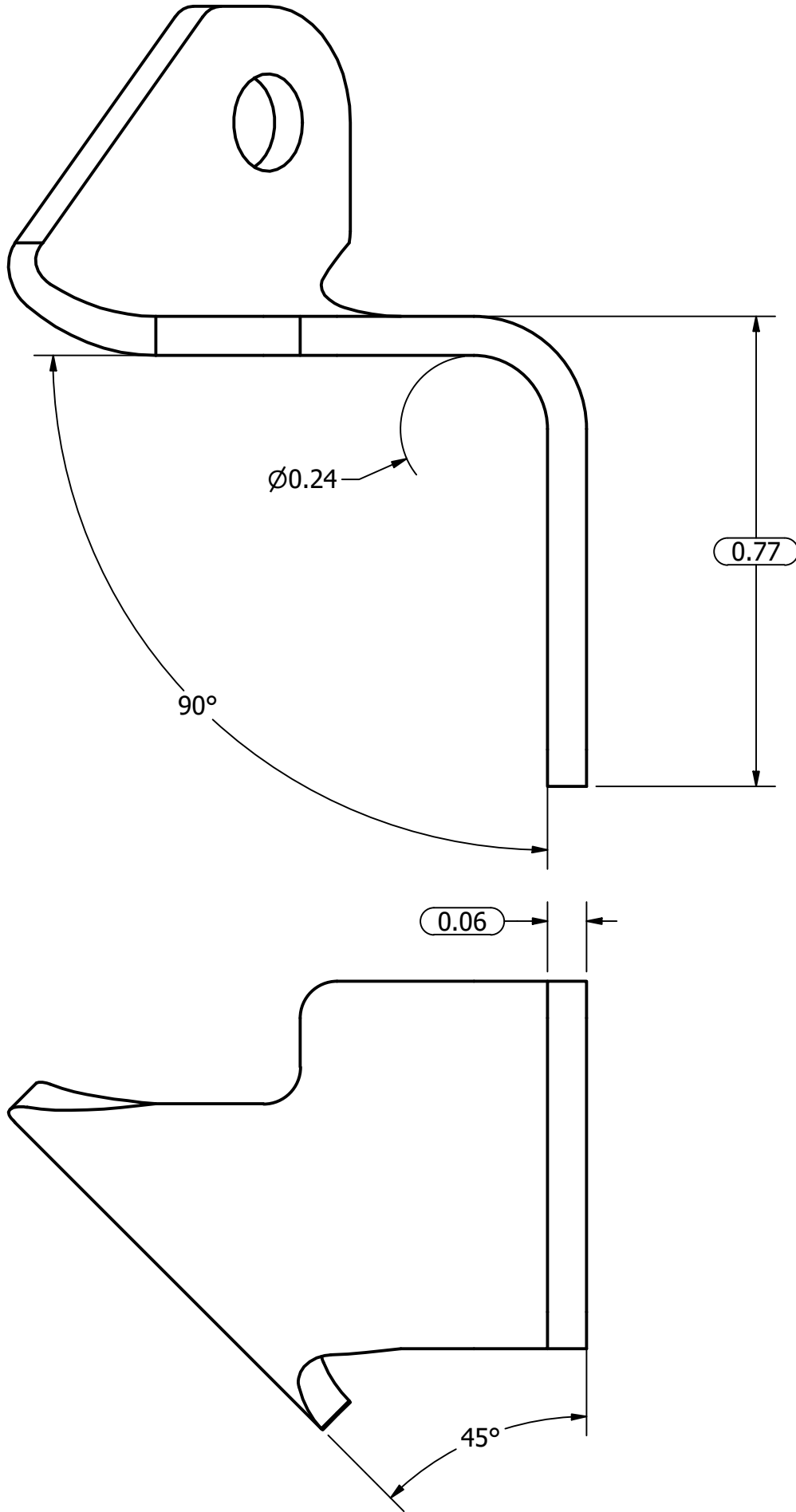
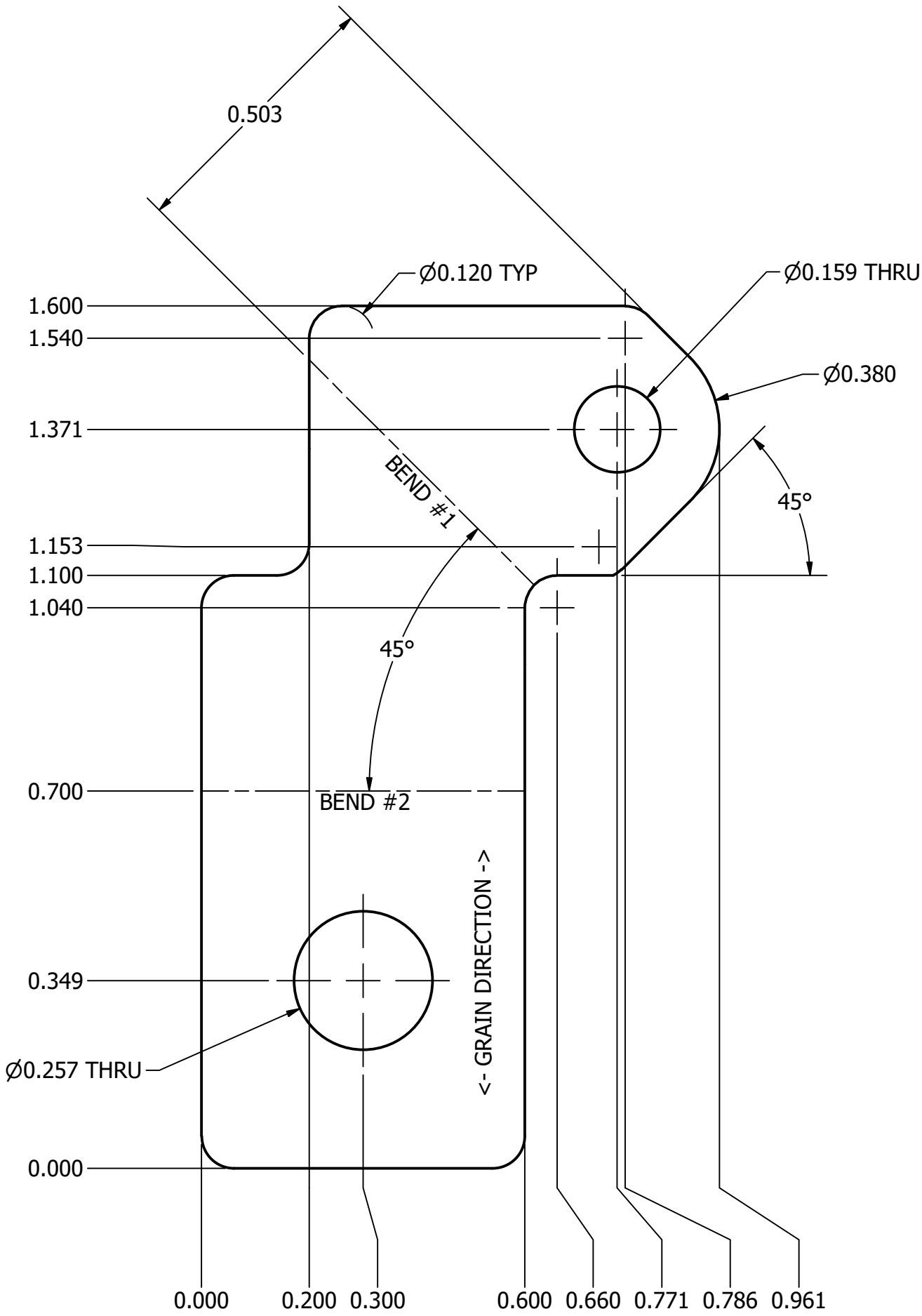
PROTO

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	DRAWN BY KEW	CHK'D BY LS	APRVD. BY JT	DATE 7/18/16	REV G	ECO
	DO NOT SCALE DRAWING				SHEET	
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-86 BAR

MATERIAL: 0.064" THICK COPPER SHEET, UNS C11000 CR H01 QUARTER HARD PER ASTM B152  
FINISH: NONE

BEND CHART		
	BEND #1	BEND #2
PUNCH	6	6
DIE	1	1
ANGLE	45	90
DIMENSION	0.513	0.710



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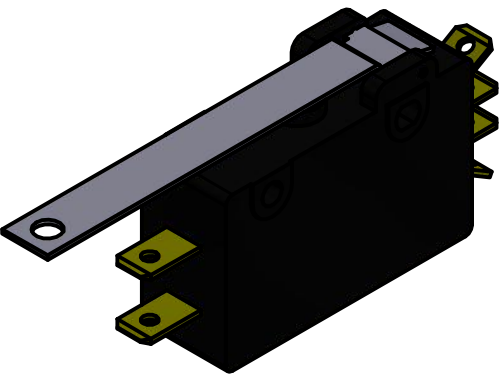
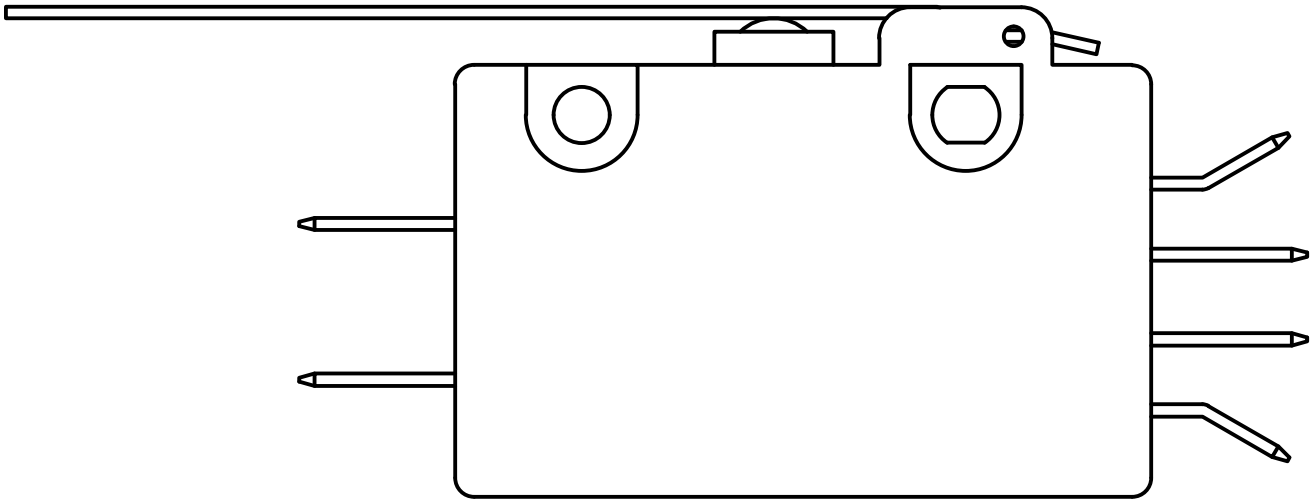
PROTO

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	DRAWN BY KEW	CHK'D BY LS	APRVD. BY JT	DATE 7/18/16	REV G	ECO
	DO NOT SCALE DRAWING				SHEET	
	3RD ANGLE PROJECTION				52 OF 54	



-87 LIMIT SWITCH

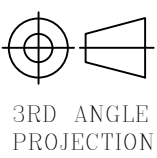
NOTES:  
MAKE FROM: ES50501-2



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	DRAWN BY	CHK'D BY	APRVD. BY	DATE	REV	ECO
	KEW	LS	JT	7/18/16	G	
	DO NOT SCALE DRAWING				SHEET 53 OF 54	



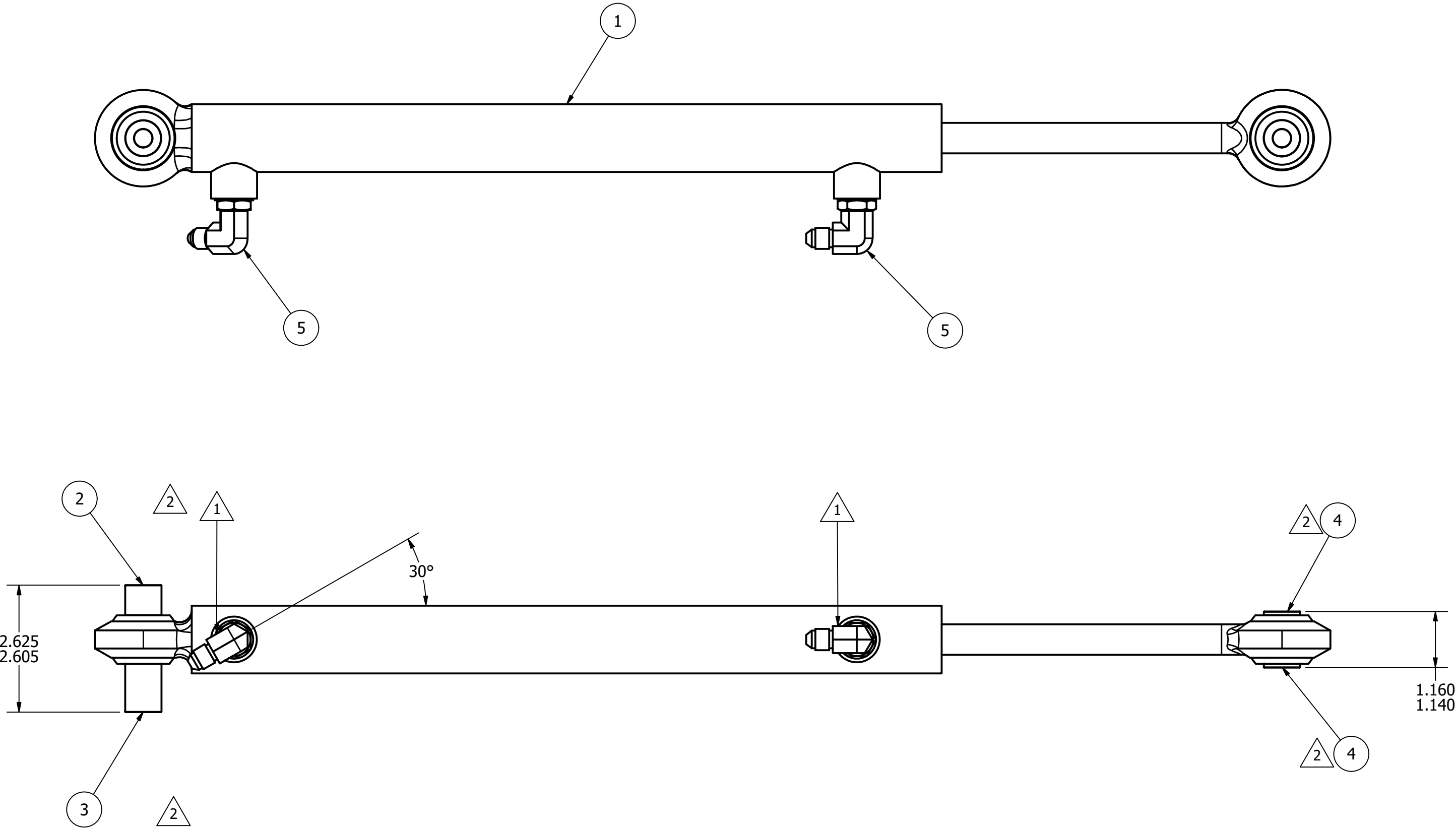
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-100 EMERGENCY CYLINDER ASSEMBLY

NOTE:

- 1. ALIGN AS SHOWN
- 2. PRESS FIT TO MATING PART, NOTE ORIENTATION

PARTS LIST			
ITEM	QTY	PART NUMBER	DESCRIPTION
1	1	ES39212-2	HYDRAULIC CYLINDER
2	1	RT-1000-42	BUSHING
3	1	RT-1000-44	BUSHING
4	2	RT-1000-46	BUSHING
5	2	ES45003-1	STRAIGHT THREAD ELBOW



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PROTO

Paravion <sup>®</sup> Technology Inc.		TITLE RETRACTABLE TURRET ASSEMBLY		DRAWING NUMBER RT-1000	
DIMENSIONS IN INCHES TOLERANCES EXCEPT WHERE NOTED: .X = ±.1 .XX = ±.05 .XXX = ±.010 ANGLES = ± 1°		DRAWN BY KEW	CHK'D BY LS	APRVD. BY JT	DATE 7/18/16
		DO NOT SCALE DRAWING			REV G
		3RD ANGLE PROJECTION			ECO
THREADS: INTERNAL: CLASS 2B EXTERNAL: CLASS 2A		© 2017 PARAVION TECH. INC. PARAVION IS A TRADEMARK OF PARAVION TECHNOLOGY INC.		SHEET 54 OF 54	